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Reference material

# THE ECONOMIC IMPORTANCE OF FISHING AND HUNTING



Economic data  
on fishing and hunting for  
the State of Arizona  
and for each Arizona County

Study Prepared by

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UNIVERSITY WEST

## ACKNOWLEDGEMENTS

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## TABLE OF CONTENTS

Executive Summary .....	4
Table 1: Data Requirements & Sources.....	7
Table 2: 2001 Economic Importance .....	10
Table 3: 2001 Angler & Hunter Days .....	11
Table 4: 2001 Hunting & Fishing Expenditures.....	12
State of Arizona & County Reports	
State of Arizona .....	14
Apache County .....	16
Cochise County .....	18
Coconino County .....	20
Gila County .....	22
Graham County .....	24
Greenlee County .....	26
La Paz County .....	28
Maricopa County.....	30
Mohave County .....	32
Navajo County .....	34
Pima County.....	36
Pinal County.....	38
Santa Cruz County.....	40
Yavapai County .....	42
Yuma County .....	44
Appendices	
Appendix A: Number of Anglers & Hunters .....	46
Appendix B: Angler & Hunter Expenditures by Category & by County .....	48
Appendix C: Location of Angler & Hunter Activity Days by County .....	64
Appendix D: Location of Trip Expenditures .....	80
Appendix E: Trip Expenditures from Scouting .....	82
Appendix F: IMPLAN Input-Output Model.....	85
Appendix G: Angler & Small-Game Hunter Questionnaires .....	87
Appendix H: Sample Design for Angler & Small-Game Surveys .....	96

Fishing and hunting recreation activity is an immensely powerful part of the Arizona collective economic fabric, generating nearly \$1 billion in retail sales during 2001. While this spending figure is impressive it becomes even more so through consideration of 'ripple' or multiplier effects. Each dollar spent by an angler or hunter increases another person's income, enabling that person (or business) to spend more, which in turn increases income for someone else. The process continues to circulate throughout the economy until it is dissipated through 'leakages' in the form of savings or payments for goods and services from outside the local economy. In the end, the cumulative changes in spending, incomes and employment are a multiple of the initial retail sales spending.

The impact of the nearly \$1 billion in spending by anglers and hunters in Arizona during 2001 was shown to have:

- |   |
|---|
| ➤ Created a statewide economic impact of \$1.34 billion.                                      |
| ➤ Supported 17,190 jobs in Arizona.   |
| ➤ Created household income (salaries and wages) for Arizona residents totaling \$314 million. |
| ➤ Added \$58.2 million to annual state tax revenues.  |



Each Arizona County benefits from the spending by anglers and hunters. Reported are the 2001-multiplier impacts of the initial retail sales in each Arizona county --- total spending, salaries and wages, full and part-time jobs and state tax revenues. The IMPLAN input-output model is designed to estimate economic impacts for fishing and hunting *at the county level*. It is not designed for summing county economic impacts to estimate an overall statewide impact. The individual county level multiplier impacts will be smaller than the statewide multiplier impacts. Spending that occurs outside of a county dampens the county multiplier impacts. Much of the secondary economic impacts for a county will be purchased from outside or imported due to the unavailability of additional production required to meet consumer demand. Fishing and hunting recreation in a county will generate restaurant sales requiring increased supplies to restaurants. The suppliers to the restaurants might have their location in another area of the state or region and ship or export to the county experiencing the increased expenditures. This import or 'leakage' will reduce the size of the multiplier effect in the origination county.

Arizona county economic importance measures also include fishing and hunting activity days, fishing trip expenditures and equipment, and hunting trip expenditures and equipment. Activity days for fishing and hunting are separated into County residents, Arizona residents traveling within state and non-residents. Trip expenditures take into account that when traveling to another county for fishing or hunting a portion of expenditures will take place in the county of residence.

Two types of measures are included in economic benefits: economic importance and economic values. Economic importance addresses the business and financial activity resulting from the use of a resource, and these measures for fishing and hunting are reported in this study. Economic value is a non-financial measure that estimates the value people receive from an activity like fishing or hunting after subtracting their costs and expenditures. Other economic values from fishing and hunting are the benefits people place on natural resources used for outdoor recreation even if they never use them. A resource has 'option value' if a person values the option to use it in the future, even if he/she has no present plans to use it and in fact never does so. A resource has 'bequest value' if a person values the opportunity to preserve it for future generations. A resource has 'existence value' if a person values the mere knowledge of its existence. Economic values are not reported in this study.

## DATA SOURCES

The data requirements to estimate the economic importance of fishing and hunting for each Arizona County are:

✓ Number of anglers and hunters in each Arizona County.
✓ Number of angler and hunting days in each Arizona County by location of participant (trip expenditures will vary by residency).
○ Local residents (persons hunting or fishing in their own county)
○ Arizona residents traveling within the state in pursuit of fishing or hunting.
○ Non-residents.
✓ Trip expenditures for each type of participant (food, lodging, gasoline, etc.)
✓ Equipment expenditures used multiple times for a specific activity (fishing rod, etc.)
✓ Auxiliary equipment expenditures that can be used for many activities (cabin, etc.)
✓ The Arizona County location of trip expenditures.

The data sources used to acquire the information requirements specified above are displayed in Table 1.

TABLE 1: DATA REQUIREMENTS AND SOURCES

DATA REQUIREMENTS	DATA SOURCE
Anglers in Each Arizona County	License Sales and 2002 Angler Survey
Angler Days in Each Arizona County by Residency Type	2002 Angler Survey and License Sales
Angler Trip & Equipment Expenditures	2002 Angler Survey
Hunters in Each Arizona County	License Sales
Big-game Hunter Days in Each Arizona County by Residency Type	Game Survey & Harvest Questionnaire
Small-game Hunter Days in Each Arizona County by Residency Type	2002 Small-game Survey
Small-game Trip Expenditures	2002 Small-game Survey
Big-game Trip Expenditures	1996 National Survey for Arizona of Fishing, Hunting & Wildlife Associated Recreation and 2002 Small-game Survey
Hunting Equipment Expenditures	2001 National Survey of Fishing, Hunting & Wildlife Associated Recreation
Location of Angler & Hunter Trip Expenditures	2002 Angler Survey
County Level Input-Output Model	IMPLAN – an Input-Output Model Developed & Maintained by the Minnesota IMPLAN Group, Inc.

Using the data sources in Table 1, the full set of economic importance calculations are produced for each of 15 Arizona counties and a statewide total. These data are organized into three summary tables: 2001 Economic Importance, 2001 Fishing and Hunting Expenditures, and 2001 Angler and Hunter Days. Separate county reports, displayed after the summary tables, stand as discrete documents. More detailed information on fishing and hunting expenditures in each Arizona County and a discussion of the methodology are presented in Appendices.

The economic importance estimates reported are conservative or at the lower range of estimates for five reasons.

1. Fishing and hunting taking place on Tribal Sovereign Lands in Arizona are not included.
2. Non-resident anglers from California, Nevada and Utah that possessed out-of-state fishing licenses and purchased a Colorado River Special Use Stamp to fish on the Colorado River are not included in the economic impact estimates. There was no mechanism to specifically identify those anglers for this study.
3. Scouting days, time spent by hunters prior to a hunt becoming familiar with the terrain and locating sign of animals, was not available for this analysis. Subsequent to completing this report information on 2002 scouting days is available. That data is presented in Appendix E.
4. The IMPLAN input-output model has a statewide multiplier impact that is substantially lower than the Arizona multiplier used in other similar studies. The Arizona multiplier from IMPLAN is 1.40. In contrast, the RIMS II input-output model multiplier used for Arizona, reported in the *Economic Impact of Sportfishing and Hunting by state for 2000*, is 1.88 (study prepared by Southwick Associates, Inc.). Differences in input-output models can be derived from the method used to estimate regional purchase coefficients and from the structure of the model or the sectors considered endogenous. Please note that the RIMS II input-output model is not available at the county level.
5. Auxiliary expenditures for hunting, capital items that can be used for multiple purposes such as an off-highway vehicle, camping gear or a cabin, was not available.

To facilitate reading the tables and county data displays, a brief glossary of terms is presented before the economic importance estimates.

## Glossary of Terms

Arizona residents traveling --- Measures the activity days for fishing or hunting in each Arizona County from Arizona residents traveling from another county. Trip expenditures for Arizona residents traveling are less than non-residents but greater than for local residents. A portion of trip expenditures from Arizona residents traveling is spent at home before beginning on the trip and a portion is spent at the hunting or fishing destination.

Auxiliary equipment --- Major capital purchases used for more than one recreation activity. For fishing this includes motorboat; pick-up, camper or other vehicle; and a cabin purchase. Respondents to the angler survey were asked the percentage of time auxiliary equipment was used for fishing. Auxiliary equipment expenditures were not available for hunting.

Big game hunting --- Antelope, deer, elk, wild turkey, javelina, black bear, bighorn sheep, mountain lion, and buffalo.

Economic importance --- Measures the business and financial activity resulting from the use of a resource, in this instance fishing and hunting.

Economic value --- Is a non-business measure that estimates the value people receive from an activity (fishing or hunting) after subtracting for their costs and expenditures. These values include use, existence and bequest.

Expenditures --- Money spent in 2001 for fishing and hunting recreation trips and equipment purchased for use in fishing and hunting in each Arizona County.

Fishing equipment --- Items owned primarily for fishing. These items are listed in Appendix A, and are allocated to the county in which anglers reside.

Hunting equipment --- Items owned primarily for hunting. These items include guns and rifles, ammunition, bows, arrows, telescopic sights, decoys and game calls, and are allocated to the county in which hunters reside.

Non-resident --- Individuals who do not live in Arizona. Trip expenditures for non-residents are greater than for residents.

Small game hunting --- Dove, quail, cottontail, tree squirrel, bandtail pigeon, blue grouse, chukar and waterfowl.

Total multiplier effect --- The sum of hunting and fishing expenditures, the indirect or secondary effects generated from the expenditures, and the induced impact from the salaries and wages paid by the directly and indirectly impacted industries.

TABLE 2: 2001 ECONOMIC IMPORTANCE

	(IN MILLIONS)				
	Full-time and Part-time Jobs	Fishing & Hunting Expenditures	Total Multiplier Effect	Salaries and Wages	State Tax Revenues
ARIZONA	17,190	\$958.5	\$1,340.0	\$314.0	\$58.2
APACHE	1,010	\$62.7	\$72.0	\$8.9	\$3.4
COCHISE	194	\$12.7	\$15.2	\$2.4	\$0.7
COCONINO	1,860	\$101.2	\$124.9	\$22.3	\$6.0
GILA	769	\$39.4	\$46.8	\$7.5	\$1.8
GRAHAM	124	\$7.3	\$8.7	\$1.4	\$0.4
GREENLEE	20	\$2.5	\$2.7	\$0.3	\$0.04
LA PAZ	232	\$17.8	\$20.9	\$4.1	\$0.8
MARICOPA	5,382	\$409.1	\$515.0	\$103.0	\$21.1
MOHAVE	1,682	\$79.9	\$99.0	\$17.7	\$3.9
NAVAJO	543	\$33.3	\$38.3	\$5.0	\$1.3
PIMA	1,187	\$84.5	\$105.0	\$18.3	\$5.4
PINAL	296	\$20.0	\$22.9	\$3.8	\$0.9
SANTA CRUZ	216	\$13.9	\$16.7	\$2.7	\$0.9
YAVAPAI	811	\$40.0	\$49.9	\$9.8	\$2.3
YUMA	689	\$34.2	\$42.0	\$7.8	\$1.8

TABLE 3: 2001 ANGLER AND HUNTER DAYS

	ANGLER DAYS				HUNTER DAYS				Total Days
	AZ County	AZ Traveling	Non-Resident	Total	AZ County	AZ Traveling	Non-Resident	Total	
ARIZONA	2,262,136	2,702,157	338,414	5,302,707	523,247	540,929	124,828	1,189,004	6,491,711
APACHE	39,304	579,874	28,933	648,111	2,564	30,608	1,201	34,373	682,484
COCHISE	6,409	26,362	728	33,499	25,340	46,738	13,738	85,816	119,315
COCONINO	190,556	696,178	27,194	913,928	39,635	122,326	8,157	170,118	1,084,046
GILA	47,541	350,037	15,796	413,374	17,672	52,422	5,416	75,510	488,884
GRAHAM	6,515	28,755	2,282	37,552	12,069	17,721	9,032	38,822	76,374
GREENLEE	324	245	910	1,479	2,821	24,863	770	28,454	29,933
LA PAZ	21,382	174,168	38,782	234,332	1,260	7,908	7,238	16,406	250,738
MARICOPA	971,450	193,005	25,841	1,190,296	187,032	14,863	8,547	210,442	1,400,738
MOHAVE	517,132	159,233	128,314	804,679	36,419	4,490	13,575	54,484	859,163
NAVAJO	82,191	140,566	849	223,606	15,178	17,196	537	32,911	256,517
PIMA	127,725	25,986	182	153,893	89,215	24,428	17,702	131,345	285,238
PINAL	1,555	22,968	279	24,802	17,141	71,458	6,282	94,881	119,683
SANTA CRUZ	6,211	101,006	1,357	108,574	4,828	26,118	8,012	38,958	147,532
YAVAPAI	81,219	191,793	3,395	276,407	34,760	76,466	7,131	118,357	394,764
YUMA	162,622	11,981	63,572	238,175	37,313	3,324	17,490	58,127	296,302



TABLE 4: 2001 HUNTING AND FISHING EXPENDITURES

	FISHING EXPENDITURE				HUNTING EXPENDITURE			Total Expenditure
	Trip	Equipment	Auxiliary Equipment	Total	Trip	Equipment	Total	
ARIZONA	\$415,980,900	\$212,819,901	\$202,692,692	\$831,493,493	\$74,282,818	\$52,346,007	\$126,628,825	\$958,122,318
APACHE	\$36,964,703	\$1,410,342	\$21,866,348	\$60,241,394	\$1,672,682	\$830,889	\$2,503,571	\$62,744,965
COCHISE	\$3,297,210	\$2,229,502	\$1,218,270	\$6,744,982	\$4,933,001	\$950,085	\$5,883,086	\$12,628,068
COCONINO	\$57,978,374	\$14,633,322	\$16,564,881	\$89,176,577	\$8,810,095	\$3,151,341	\$11,961,436	\$101,138,013
GILA	\$25,402,249	\$4,710,642	\$4,097,324	\$34,210,215	\$3,672,780	\$1,542,582	\$5,215,362	\$39,425,577
GRAHAM	\$2,507,807	\$589,258	\$778,032	\$3,875,097	\$2,608,826	\$764,712	\$3,373,538	\$7,248,635
GREENLEE	\$439,699	\$240,166	\$2,114	\$681,978	\$1,486,494	\$410,994	\$1,897,488	\$2,579,466
LA PAZ	\$15,942,820	\$465,986	\$2,470	\$16,411,275	\$1,303,077	\$106,038	\$1,409,115	\$17,820,390
MARICOPA	\$124,351,415	\$120,352,363	\$122,082,548	\$366,786,326	\$16,999,358	\$25,244,784	\$42,244,142	\$409,030,468
MOHAVE	\$57,314,447	\$14,872,041	\$2,330,019	\$74,516,507	\$3,659,723	\$1,825,479	\$5,485,202	\$80,001,709
NAVAJO	\$15,490,208	\$6,846,548	\$6,634,860	\$28,971,616	\$2,463,328	\$1,856,052	\$4,319,380	\$33,290,996
PIMA	\$22,702,699	\$24,644,546	\$19,593,827	\$66,941,072	\$9,397,938	\$8,162,991	\$17,560,929	\$84,502,001
PINAL	\$6,869,529	\$5,750,149	\$495,275	\$13,114,953	\$4,491,965	\$2,253,888	\$6,745,853	\$19,860,806
SANTA CRUZ	\$6,376,350	\$900,858	\$3,869,034	\$11,146,242	\$2,392,123	\$322,758	\$2,714,881	\$13,861,123
YAVAPAI	\$19,874,871	\$8,581,738	\$1,783,490	\$30,240,099	\$6,284,757	\$3,358,773	\$9,643,530	\$39,883,629
YUMA	\$20,468,520	\$6,592,440	\$1,374,201	\$28,435,161	\$4,106,671	\$1,564,641	\$5,671,312	\$34,106,473



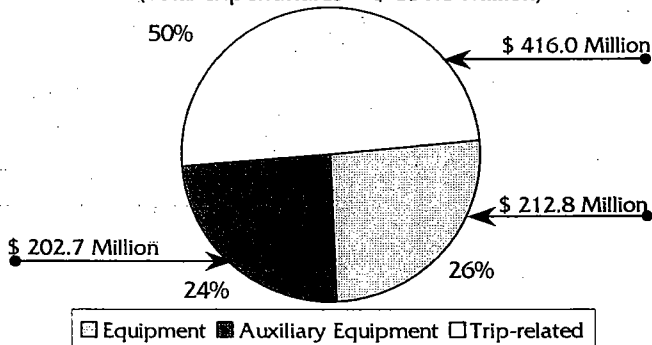
State of Arizona  
and  
County Reports

# STATE OF ARIZONA

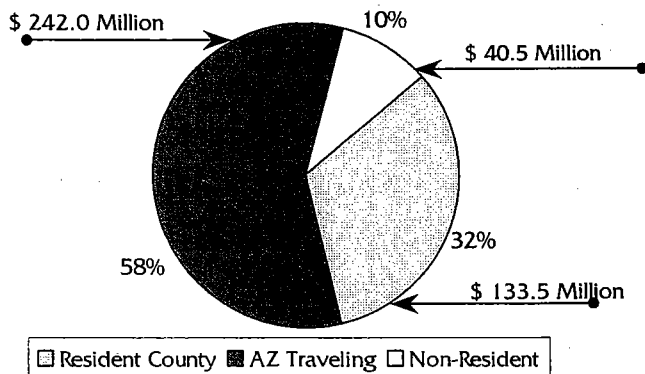
ECONOMIC IMPACTS	
FISHING AND HUNTING EXPENDITURES	\$ 958 Million
TOTAL MULTIPLIER EFFECT	\$ 1.34 Billion
SALARIES AND WAGES	\$ 314 Million
FULL-TIME AND PART-TIME JOBS	17,190
STATE TAX REVENUES	\$ 58.2 Million

FISHING: DIRECT ECONOMIC IMPACTS	
ANGLER DAYS	
TOTAL ANGLER DAYS	5,302,707
County Resident	2,262,136
AZ Resident Traveling	2,702,157
Non-Resident	338,414
EXPENDITURES	
TOTAL FISHING EXPENDITURES	\$831.5 Million
TOTAL TRIP RELATED	\$416.0 Million
Food, Restaurant	\$103.3 Million
Lodging	\$56.1 Million
Transportation	\$102.9 Million
Other	\$153.7 Million
TOTAL EQUIPMENT EXPENDITURES	\$415.5 Million
Fishing Equipment	\$212.8 Million
Auxiliary Equipment	\$202.7 Million

PERCENT OF TOTAL  
FISHING EXPENDITURES  
(Total expenditures = \$ 831.5 Million)

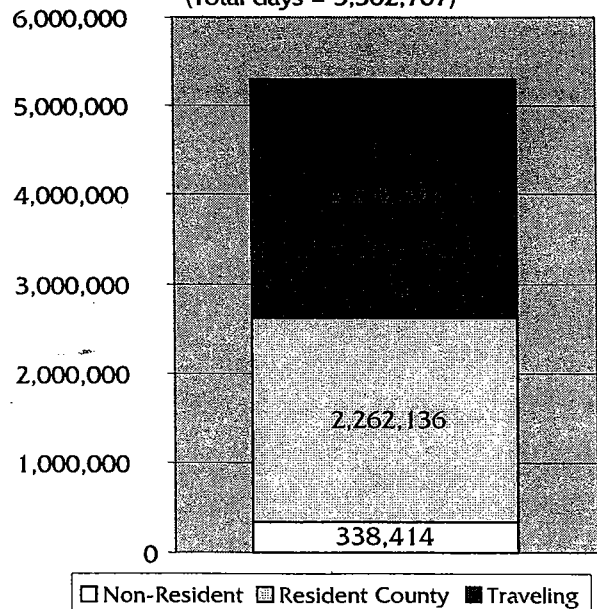


FISHING TRIP EXPENDITURES  
(Total trip expenditures = \$ 416 Million)



ANGLER DAYS

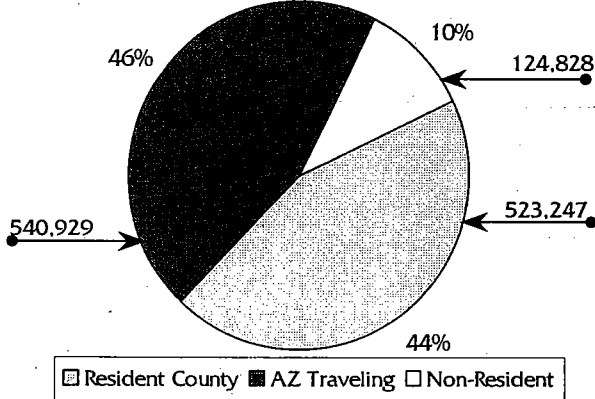
(Total days = 5,302,707)



# STATE OF ARIZONA

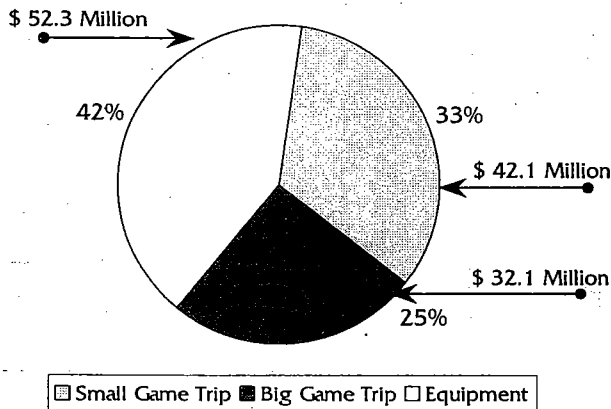
## PERCENT OF TOTAL HUNTER DAYS

(Total days = 1,189,004)



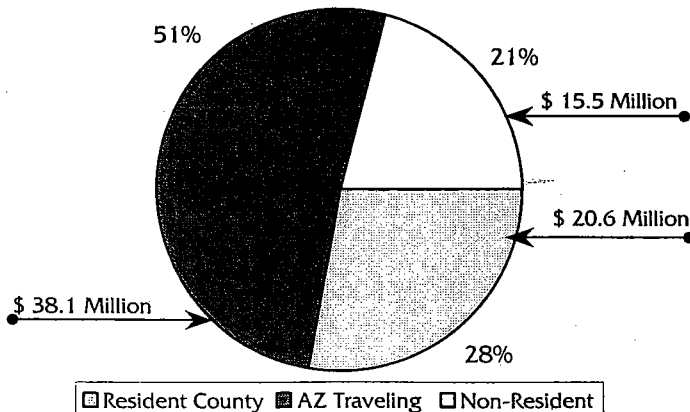
## PERCENT OF TOTAL HUNTING EXPENDITURES

(Total expenditures = \$126.5 Million)



## HUNTING TRIP EXPENDITURES

(Total trip expenditures = \$74.2 Million)



## HUNTING: DIRECT ECONOMIC IMPACTS

### HUNTER DAYS

TOTAL HUNTER DAYS

1,189,004

TOTAL SMALL GAME

760,100

County Resident

403,039

AZ Resident Traveling

252,451

Non-Resident

104,610

TOTAL BIG GAME

428,904

County Resident

120,208

AZ Resident Traveling

288,478

Non-Resident

20,218

### EXPENDITURES

TOTAL HUNTING EXPENDITURES

\$126.5 Million

Small Game Trip Expenditures

\$42.1 Million

Big Game Trip Expenditures

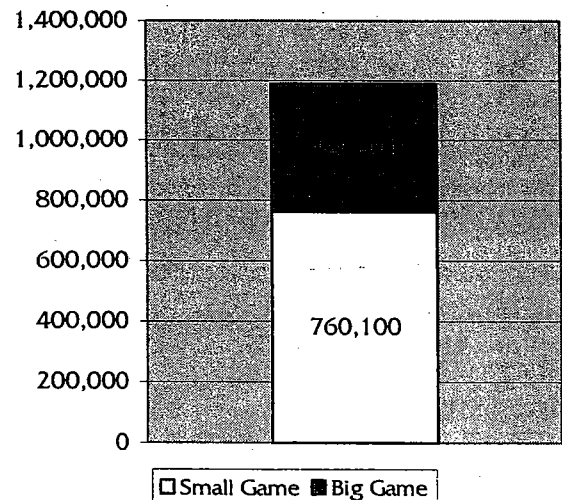
\$32.1 Million

Equipment Expenditures

\$52.3 Million

## HUNTER DAYS

(Total days = 1,189,004)



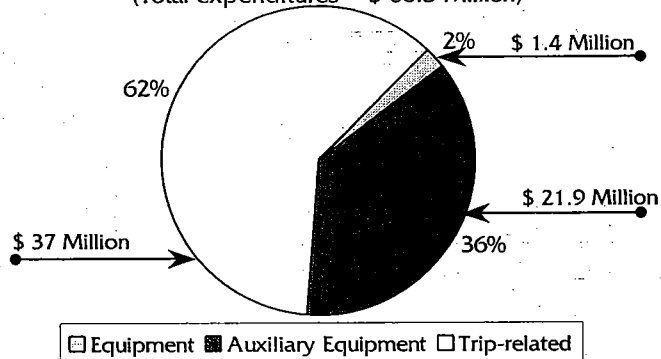
# APACHE COUNTY

## ECONOMIC IMPACTS

FISHING AND HUNTING EXPENDITURES	\$ 62.8 Million
TOTAL MULTIPLIER EFFECT	\$ 72.0 Million
SALARIES AND WAGES	\$ 8.9 Million
FULL-TIME AND PART-TIME JOBS	1,010
STATE TAX REVENUES	\$ 3.4 Million

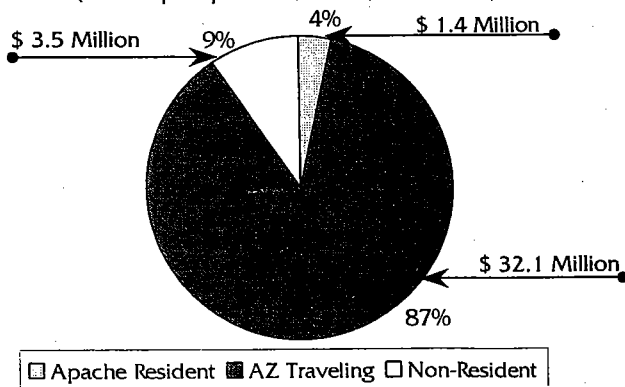
## PERCENT OF TOTAL FISHING EXPENDITURES

(Total expenditures = \$ 60.3 Million)



## FISHING TRIP EXPENDITURES

(Total trip expenditures = \$ 37 Million)



## FISHING: DIRECT ECONOMIC IMPACTS

### ANGLER DAYS

#### TOTAL ANGLER DAYS

648,111

Apache County Resident

39,304

AZ Resident Traveling to Apache County

579,874

Non-Resident

28,933

### EXPENDITURES

#### TOTAL FISHING EXPENDITURES

\$60.3 Million

#### TOTAL TRIP RELATED

\$37.0 Million

Food, Restaurant

\$8.7 Million

Lodging

\$8.9 Million

Transportation

\$7.6 Million

Other

\$11.8 Million

#### TOTAL EQUIPMENT EXPENDITURES

\$23.3 Million

Fishing Equipment

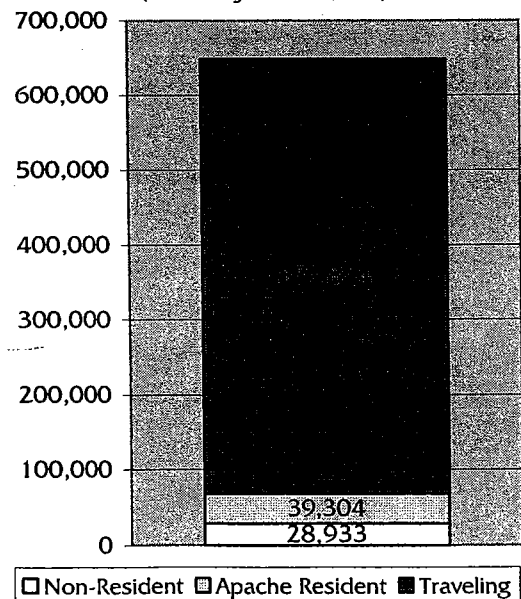
\$1.4 Million

Auxiliary Equipment

\$21.9 Million

### ANGLER DAYS

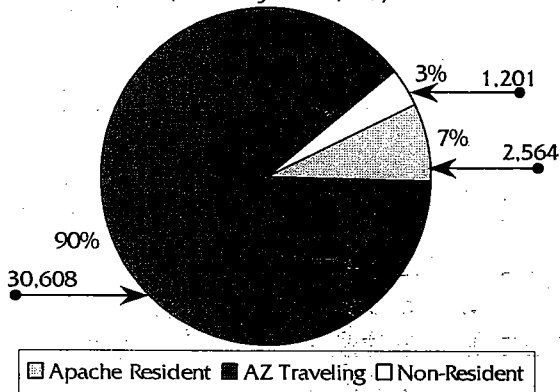
(Total days = 648,111)



# APACHE COUNTY

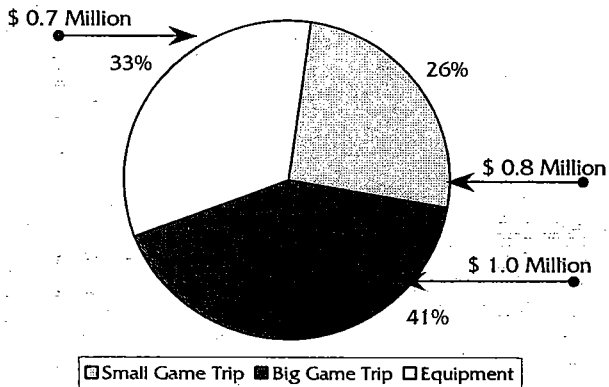
## PERCENT OF TOTAL HUNTER DAYS

(Total days = 34,373)



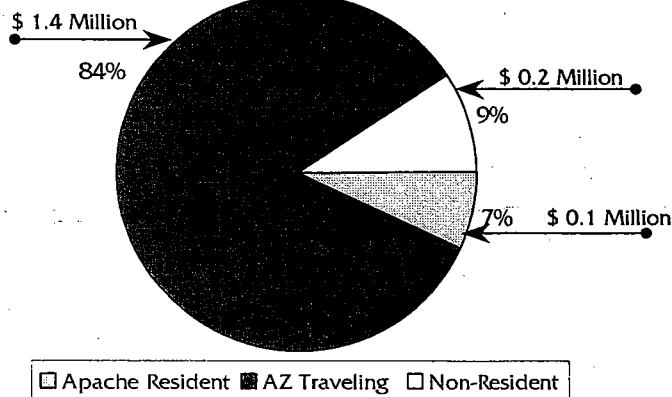
## PERCENT OF TOTAL HUNTING EXPENDITURES

(Total expenditures = \$2.5 Million)



## HUNTING TRIP EXPENDITURES

(Total trip expenditures = \$1.7 Million)



## HUNTING: DIRECT ECONOMIC IMPACTS

### HUNTER DAYS

#### TOTAL HUNTER DAYS

34,373

#### TOTAL SMALL GAME

16,621

Apache County Resident

915

AZ Resident Traveling to Apache County

14,944

Non-Resident

762

#### TOTAL BIG GAME

17,752

Apache County Resident

1,649

AZ Resident Traveling to Apache County

15,664

Non-Resident

439

### EXPENDITURES

#### TOTAL HUNTING EXPENDITURES

\$2.5 Million

Small Game Trip Expenditures

\$0.7 Million

Big Game Trip Expenditures

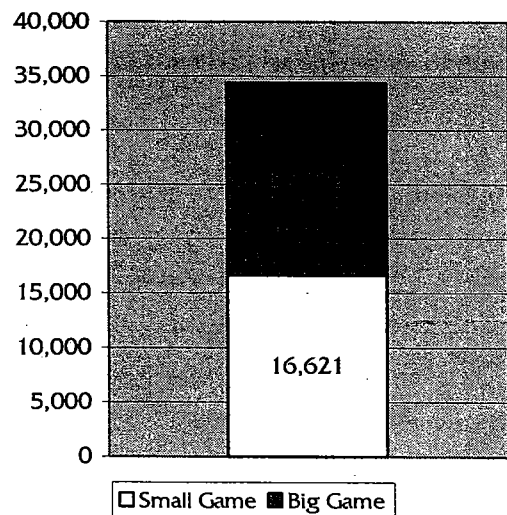
\$1.0 Million

Equipment Expenditures

\$0.8 Million

## HUNTER DAYS

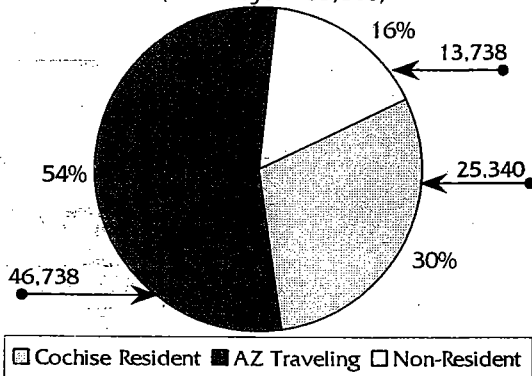
(Total days = 34,373)



# COCHISE COUNTY

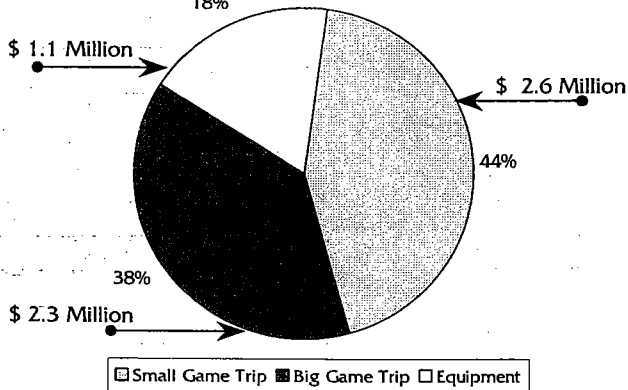
## PERCENT OF TOTAL HUNTER DAYS

(Total days = 85,816)



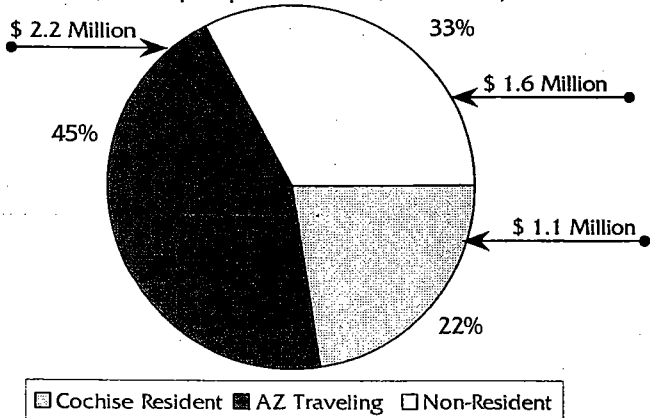
## PERCENT OF TOTAL HUNTING EXPENDITURES

(Total expenditures = \$6.0 Million)



## HUNTING TRIP EXPENDITURES

(Total trip expenditures = \$4.9 Million)



## HUNTING: DIRECT ECONOMIC IMPACTS

### HUNTER DAYS

#### TOTAL HUNTER DAYS

85,816

#### TOTAL SMALL GAME

48,035

#### Cochise County Resident

15,402

#### AZ Resident Traveling to Cochise County

21,806

#### Non-Resident

10,827

#### TOTAL BIG GAME

37,781

#### Cochise County Resident

9,938

#### AZ Resident Traveling to Cochise County

24,932

#### Non-Resident

2,911

### EXPENDITURES

#### TOTAL HUNTING EXPENDITURES

\$6.0 Million

#### Small Game Trip Expenditures

\$2.6 Million

#### Big Game Trip Expenditures

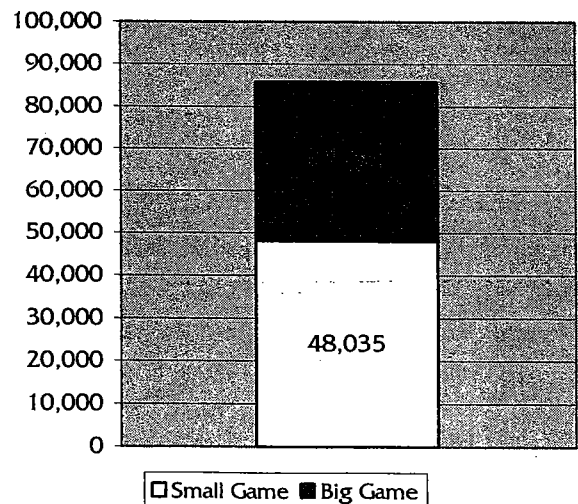
\$2.3 Million

#### Equipment Expenditures

\$1.1 Million

## HUNTER DAYS

(Total days = 85,816)



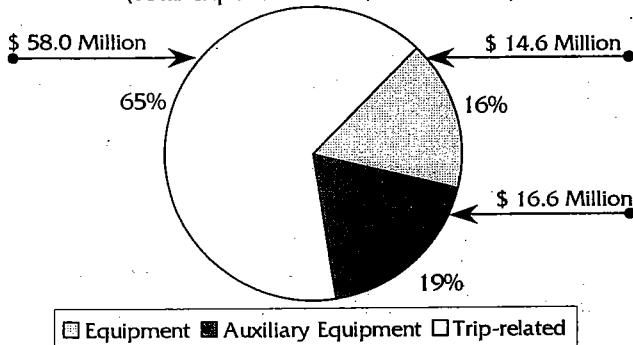
# COCONINO COUNTY

## ECONOMIC IMPACTS

FISHING AND HUNTING EXPENDITURES	\$ 101.2 Million
TOTAL MULTIPLIER EFFECT	\$ 124.9 Million
SALARIES AND WAGES	\$ 22.3 Million
FULL-TIME AND PART-TIME JOBS	1,860
STATE TAX REVENUES	\$ 6.0 Million

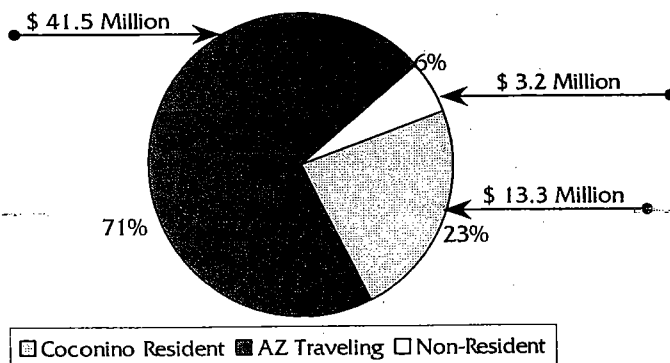
## PERCENT OF TOTAL FISHING EXPENDITURES

(Total expenditures = \$ 89.2 Million)



## FISHING TRIP EXPENDITURES

(Total trip expenditures = \$ 58 Million)



## FISHING: DIRECT ECONOMIC IMPACTS

### ANGLER DAYS

#### TOTAL ANGLER DAYS

913,928

Coconino County Resident

190,556

AZ Resident Traveling to Coconino County

696,178

Non-Resident

27,194

### EXPENDITURES

#### TOTAL FISHING EXPENDITURES

\$89.2 Million

#### TOTAL TRIP RELATED

\$58.0 Million

Food, Restaurant

\$14.2 Million

Lodging

\$11.4 Million

Transportation

\$13.4 Million

Other

\$19.0 Million

#### TOTAL EQUIPMENT EXPENDITURES

\$31.2 Million

Fishing Equipment

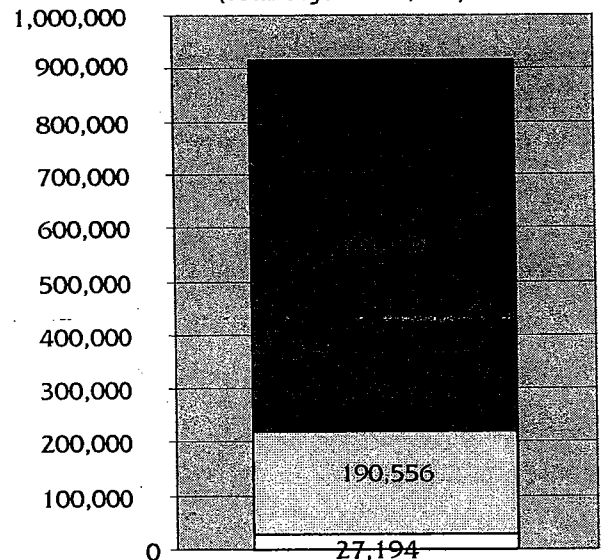
\$14.6 Million

Auxiliary Equipment

\$16.6 Million

### ANGLER DAYS

(Total days = 913,928)



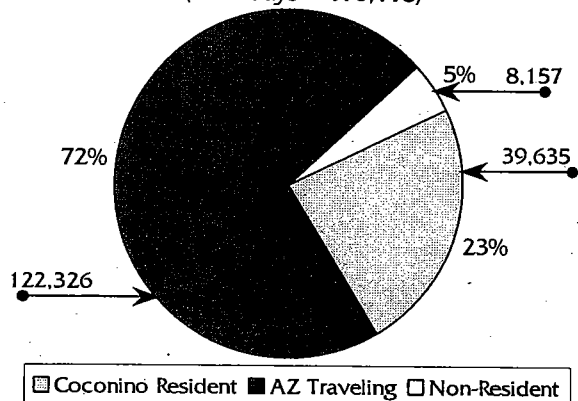
□ Non-Resident □ Coconino Resident ■ Traveling



# COCONINO COUNTY

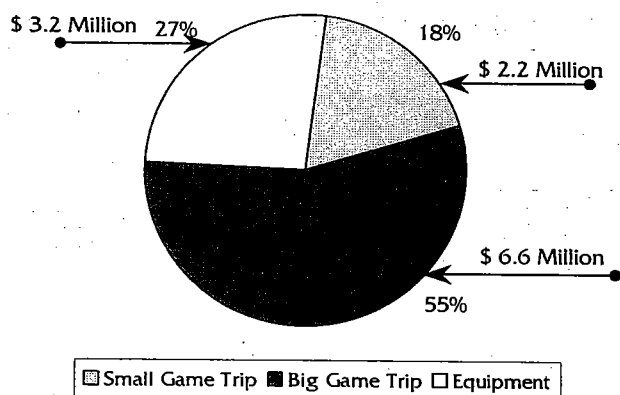
## PERCENT OF TOTAL HUNTER DAYS

(Total days = 170,118)



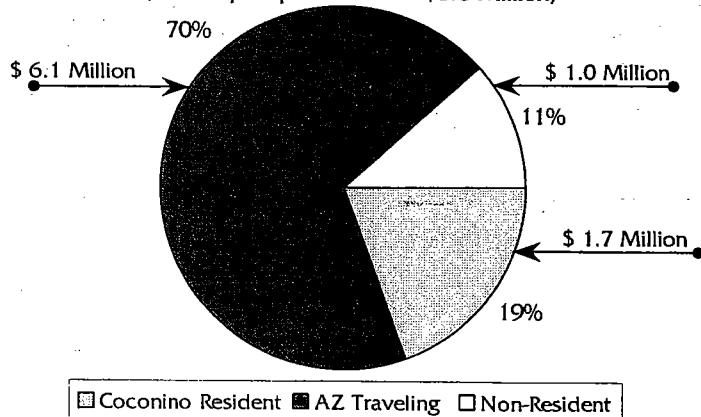
## PERCENT OF TOTAL HUNTING EXPENDITURES

(Total expenditures = \$12 Million)



## HUNTING TRIP EXPENDITURES

(Total trip expenditures = \$8.8 Million)



## HUNTING: DIRECT ECONOMIC IMPACTS

### HUNTER DAYS

#### TOTAL HUNTER DAYS

170,118

#### TOTAL SMALL GAME

46,511

Coconino County Resident

19,672

AZ Resident Traveling to Coconino County

23,484

Non-Resident

3,355

#### TOTAL BIG GAME

123,607

Coconino County Resident

19,963

AZ Resident Traveling to Coconino County

98,842

Non-Resident

4,802

### EXPENDITURES

#### TOTAL HUNTING EXPENDITURES

\$12.0 Million

Small Game Trip Expenditures

\$2.2 Million

Big Game Trip Expenditures

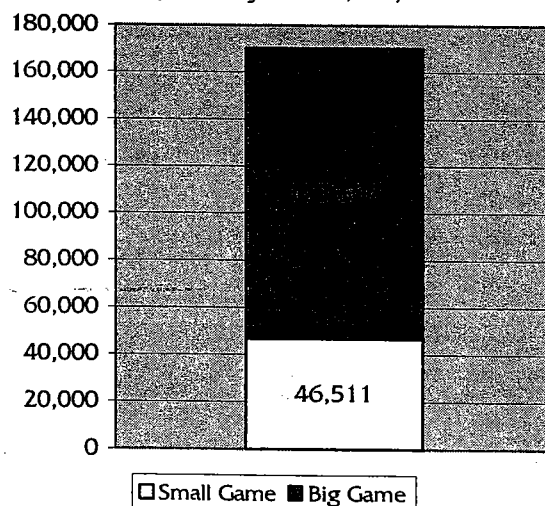
\$6.6 Million

Equipment Expenditures

\$3.2 Million

## HUNTER DAYS

(Total days = 170,118)





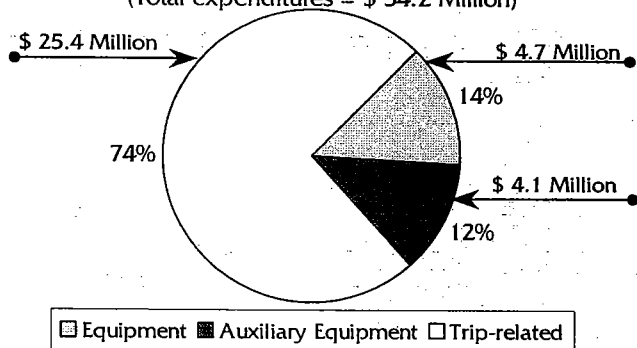
# GILA COUNTY

## ECONOMIC IMPACTS

FISHING AND HUNTING EXPENDITURES	\$ 39.4 Million
TOTAL MULTIPLIER EFFECT	\$ 46.8 Million
SALARIES AND WAGES	\$ 7.5 Million
FULL-TIME AND PART-TIME JOBS	769
STATE TAX REVENUES	\$ 1.8 Million

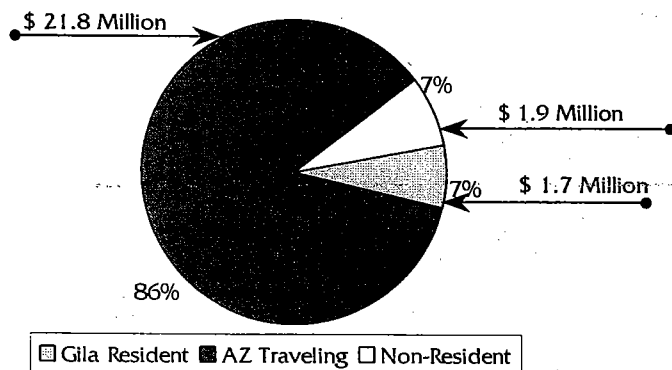
### PERCENT OF TOTAL FISHING EXPENDITURES

(Total expenditures = \$ 34.2 Million)



### FISHING TRIP EXPENDITURES

(Total trip expenditures = \$ 25.4 Million)



## FISHING: DIRECT ECONOMIC IMPACTS

### ANGLER DAYS

TOTAL ANGLER DAYS

413,374

Gila County Resident

47,541

AZ Resident Traveling to Gila County

350,037

Non-Resident

15,796

### EXPENDITURES

TOTAL FISHING EXPENDITURES

\$34.2 Million

TOTAL TRIP RELATED

\$25.4 Million

Food, Restaurant

\$6.1 Million

Lodging

\$5.5 Million

Transportation

\$5.4 Million

Other

\$8.4 Million

TOTAL EQUIPMENT EXPENDITURES

\$8.8 Million

Fishing Equipment

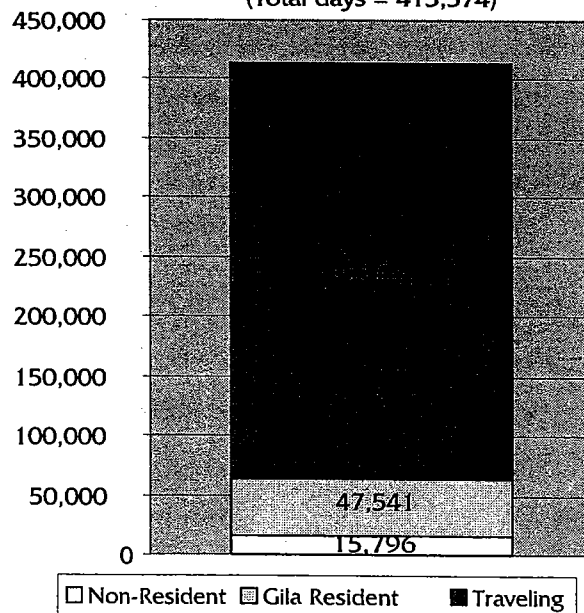
\$4.7 Million

Auxiliary Equipment

\$4.1 Million

### ANGLER DAYS

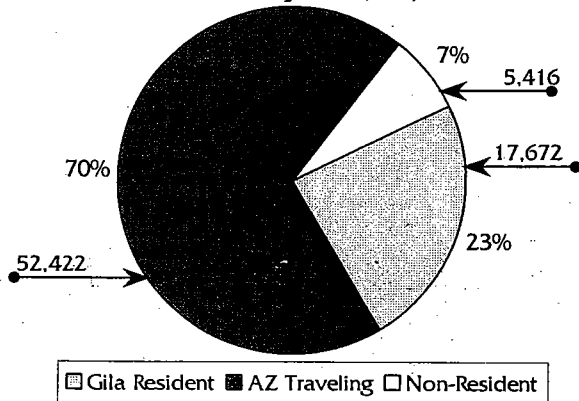
(Total days = 413,374)



# GILA COUNTY

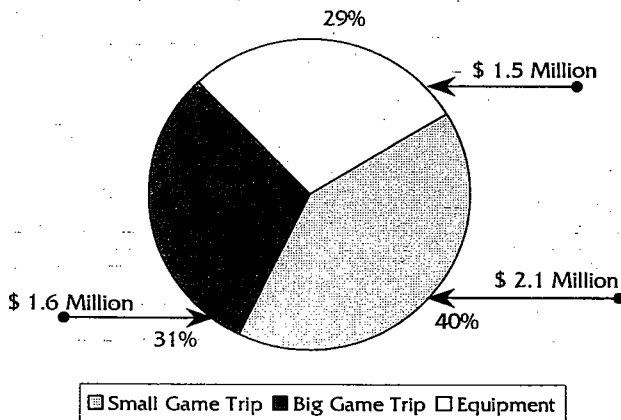
## PERCENT OF TOTAL HUNTER DAYS

(Total days = 75,510)



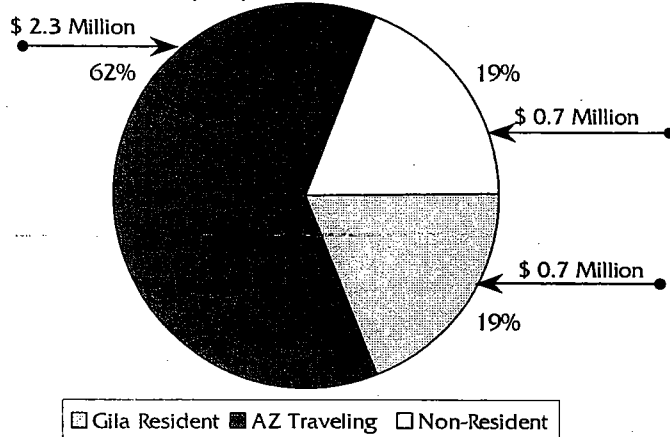
## PERCENT OF TOTAL HUNTING EXPENDITURES

(Total expenditures = \$5.2 Million)



## HUNTING TRIP EXPENDITURES

(Total trip expenditures = \$3.7 Million)



## HUNTING: DIRECT ECONOMIC IMPACTS

### HUNTER DAYS

#### TOTAL HUNTER DAYS

75,510

#### TOTAL SMALL GAME

50,017

Gila County Resident

11,132

AZ Resident Traveling to Gila County

34,463

Non-Resident

4,422

#### TOTAL BIG GAME

25,493

Gila County Resident

6,540

AZ Resident Traveling to Gila County

17,959

Non-Resident

994

### EXPENDITURES

#### TOTAL HUNTING EXPENDITURES

\$5.2 Million

Small Game Trip Expenditures

\$2.1 Million

Big Game Trip Expenditures

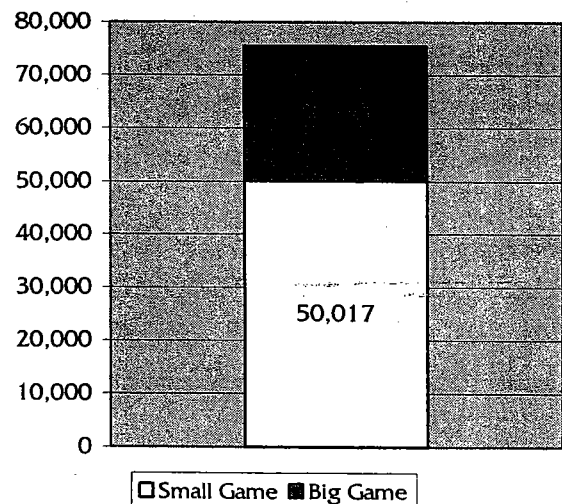
\$1.6 Million

Equipment Expenditures

\$1.5 Million

## HUNTER DAYS

(Total days = 75,510)



# GRAHAM COUNTY

## ECONOMIC IMPACTS

FISHING AND HUNTING EXPENDITURES  
\$ 7.3 Million

TOTAL MULTIPLIER EFFECT  
\$ 8.7 Million

SALARIES AND WAGES  
\$ 1.37 Million

FULL-TIME AND PART-TIME JOBS  
124

STATE TAX REVENUES  
\$ 405,900

## FISHING: DIRECT ECONOMIC IMPACTS

### ANGLER DAYS

TOTAL ANGLER DAYS

37,552

Graham County Resident

6,515

AZ Resident Traveling to Graham County

28,755

Non-Resident

2,282

### EXPENDITURES

TOTAL FISHING EXPENDITURES

\$3.9 Million

TOTAL TRIP RELATED

\$2.5 Million

Food, Restaurant

\$0.6 Million

Lodging

\$0.5 Million

Transportation

\$0.6 Million

Other

\$0.8 Million

TOTAL EQUIPMENT EXPENDITURES

\$1.4 Million

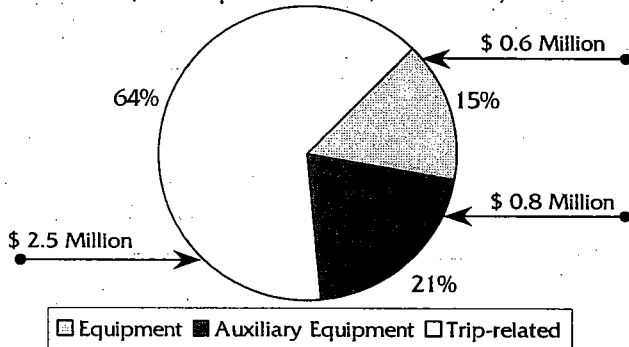
Fishing Equipment

\$0.4 Million

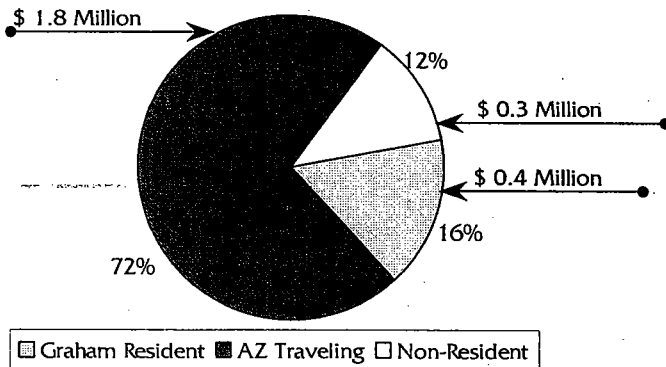
Auxiliary Equipment

\$0.8 Million

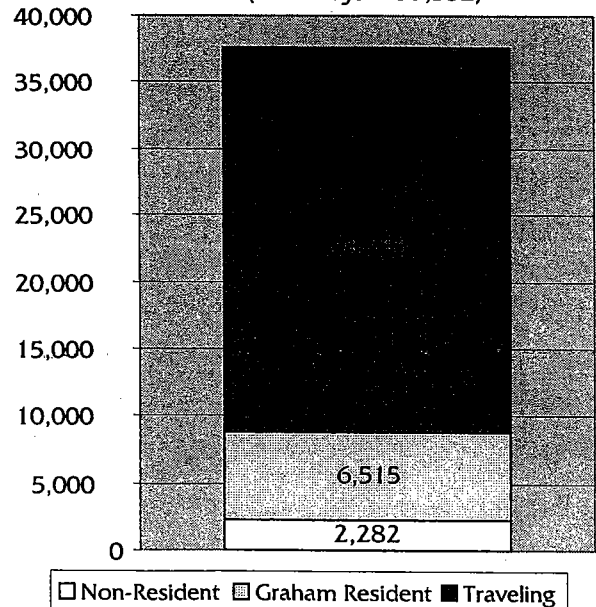
PERCENT OF TOTAL  
FISHING EXPENDITURES  
(Total expenditures = \$ 3.9 Million)



FISHING TRIP EXPENDITURES  
(Total trip expenditures = \$ 2.5 Million)



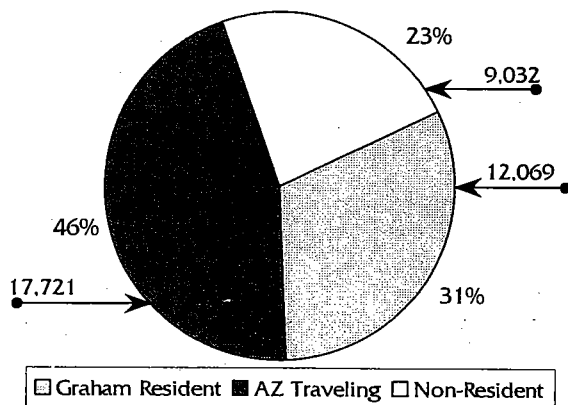
ANGLER DAYS  
(Total days = 37,552)



# GRAHAM COUNTY

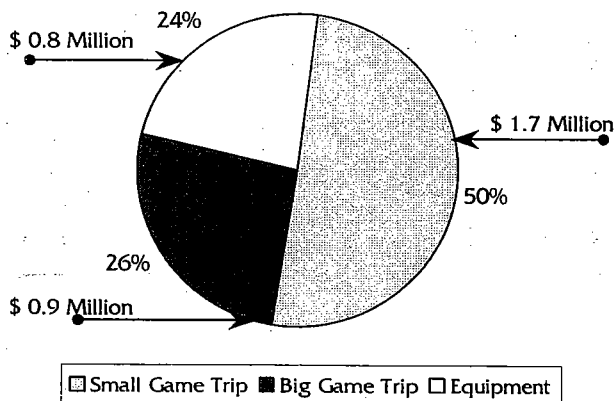
## PERCENT OF TOTAL HUNTER DAYS

(Total days = 38,822)



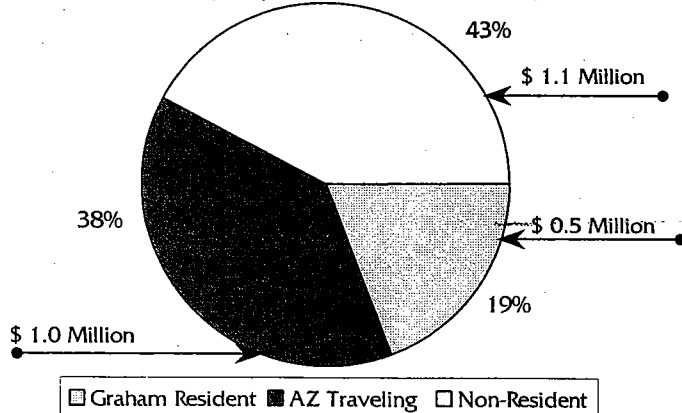
## PERCENT OF TOTAL HUNTING EXPENDITURES

(Total expenditures = \$3.4 Million)



## HUNTING TRIP EXPENDITURES

(Total trip expenditures = \$2.6 Million)



## HUNTING: DIRECT ECONOMIC IMPACTS

### HUNTER DAYS

#### TOTAL HUNTER DAYS

38,822

#### TOTAL SMALL GAME

23,941

#### Graham County Resident

8,692

#### AZ Resident Traveling to Graham County

6,862

#### Non-Resident

8,387

#### TOTAL BIG GAME

14,881

#### Graham County Resident

3,377

#### AZ Resident Traveling to Graham County

10,859

#### Non-Resident

645

### EXPENDITURES

#### TOTAL HUNTING EXPENDITURES

\$3.4 Million

#### Small Game Trip Expenditures

\$1.7 Million

#### Big Game Trip Expenditures

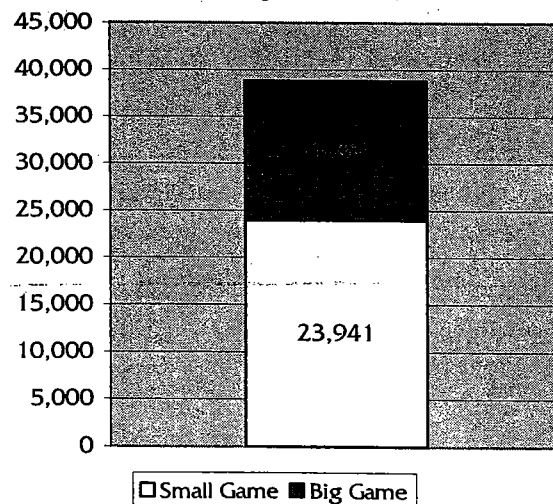
\$0.9 Million

#### Equipment Expenditures

\$0.8 Million

## HUNTER DAYS

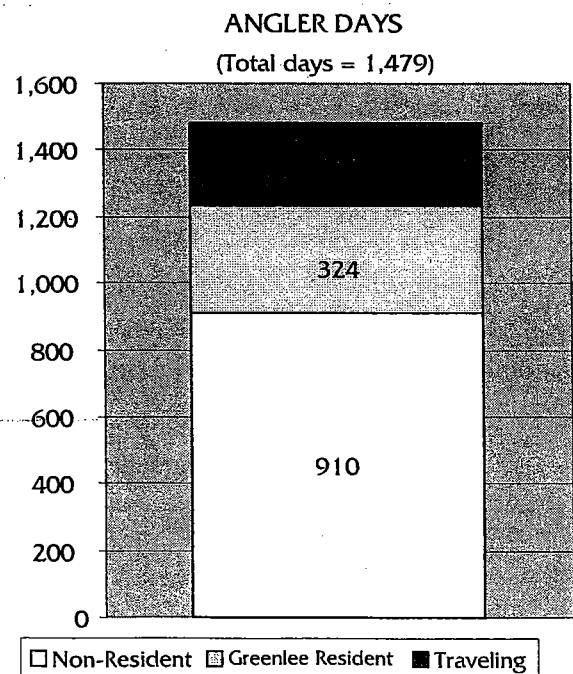
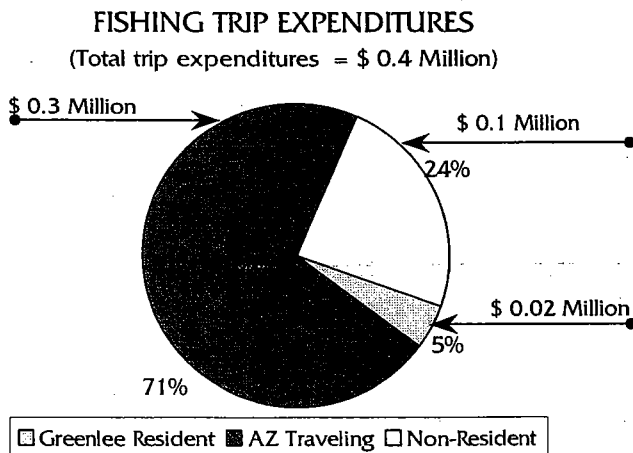
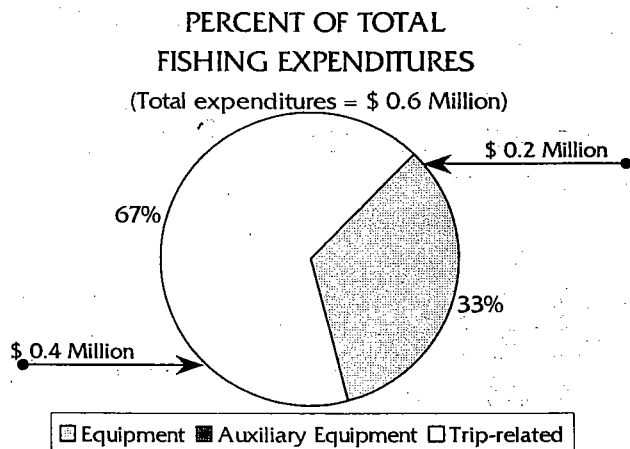
(Total days = 38,822)



# GREENLEE COUNTY

ECONOMIC IMPACTS	
FISHING AND HUNTING EXPENDITURES	\$ 2.5 Million
TOTAL MULTIPLIER EFFECT	\$ 2.7 Million
SALARIES AND WAGES	\$ 0.28 Million
FULL-TIME AND PART-TIME JOBS	20
STATE TAX REVENUES	\$ 43,500

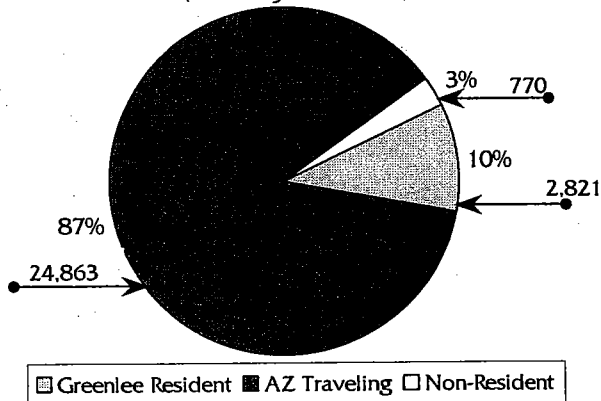
FISHING: DIRECT ECONOMIC IMPACTS	
ANGLER DAYS	
TOTAL ANGLER DAYS	1,479
Greenlee County Resident	324
AZ Resident Traveling to Greenlee County	245
Non-Resident	910
EXPENDITURES	
TOTAL FISHING EXPENDITURES	\$0.6 Million
TOTAL TRIP RELATED	\$0.4 Million
Food, Restaurant	\$0.1 Million
Lodging	\$0.0 Million
Transportation	\$0.1 Million
Other	\$0.2 Million
TOTAL EQUIPMENT EXPENDITURES	\$0.2 Million
Fishing Equipment	\$0.2 Million
Auxiliary Equipment	\$0.0 Million



# GREENLEE COUNTY

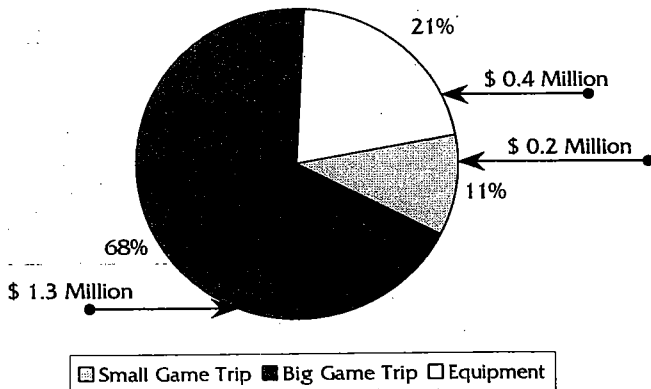
## PERCENT OF TOTAL HUNTER DAYS

(Total days = 28,454)



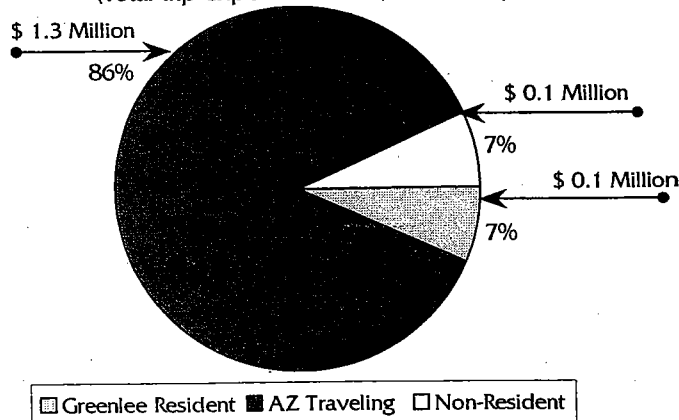
## PERCENT OF TOTAL HUNTING EXPENDITURES

(Total expenditures = \$1.9 Million)



## HUNTING TRIP EXPENDITURES

(Total trip expenditures = \$1.5 Million)



## HUNTING: DIRECT ECONOMIC IMPACTS

### HUNTER DAYS

TOTAL HUNTER DAYS

28,454

TOTAL SMALL GAME

5,032

Greenlee County Resident

610

AZ Resident Traveling to Greenlee County

4422

Non-Resident

0

TOTAL BIG GAME

23,422

Greenlee County Resident

2,211

AZ Resident Traveling to Greenlee County

20,441

Non-Resident

770

### EXPENDITURES

TOTAL HUNTING EXPENDITURES

\$1.9 Million

Small Game Trip Expenditures

\$0.2 Million

Big Game Trip Expenditures

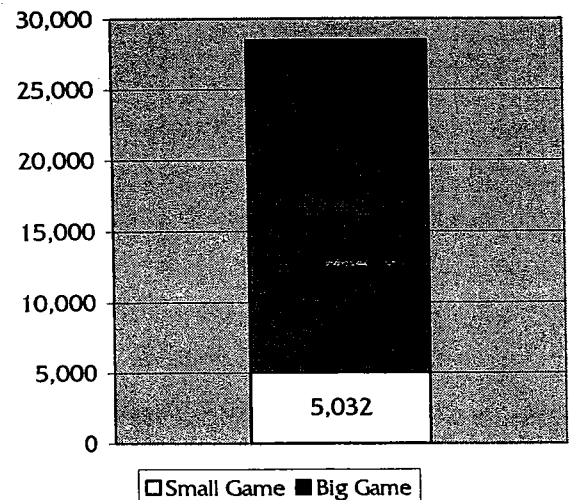
\$1.3 Million

Equipment Expenditures

\$0.4 Million

## HUNTER DAYS

(Total days = 28,454)





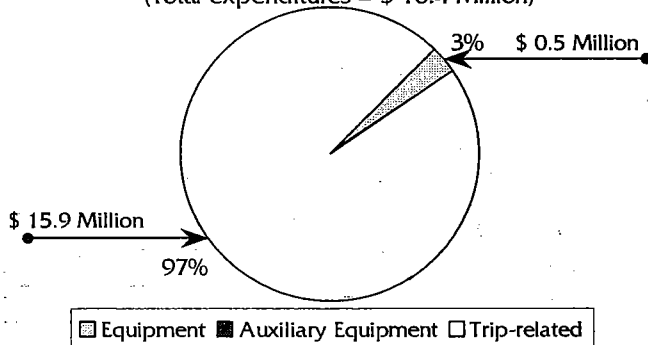
# LA PAZ COUNTY

## ECONOMIC IMPACTS

FISHING AND HUNTING EXPENDITURES	\$ 17.8 Million
TOTAL MULTIPLIER EFFECT	\$ 20.9 Million
SALARIES AND WAGES	\$ 4.1 Million
FULL-TIME AND PART-TIME JOBS	232
STATE TAX REVENUES	\$ 821,500

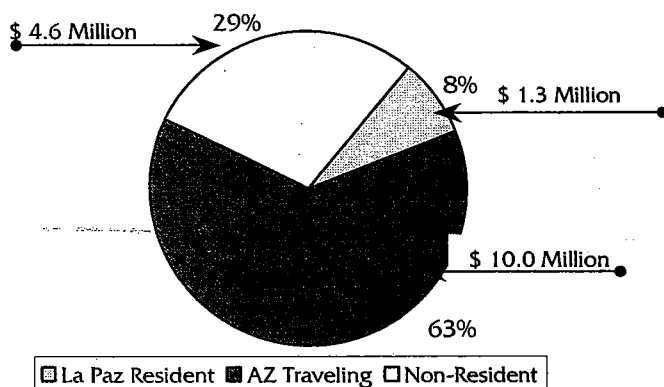
### PERCENT OF TOTAL FISHING EXPENDITURES

(Total expenditures = \$ 16.4 Million)



### FISHING TRIP EXPENDITURES

(Total trip expenditures = \$ 15.9 Million)



## FISHING: DIRECT ECONOMIC IMPACTS

### ANGLER DAYS

#### TOTAL ANGLER DAYS

234,332

La Paz County Resident

21,382

AZ Resident Traveling to La Paz County

174,168

Non-Resident

38,782

### EXPENDITURES

#### TOTAL FISHING EXPENDITURES

\$16.4 Million

#### TOTAL TRIP RELATED

\$15.9 Million

Food, Restaurant

\$3.8 Million

Lodging

\$3.6 Million

Transportation

\$3.3 Million

Other

\$5.2 Million

#### TOTAL EQUIPMENT EXPENDITURES

\$0.5 Million

Fishing Equipment

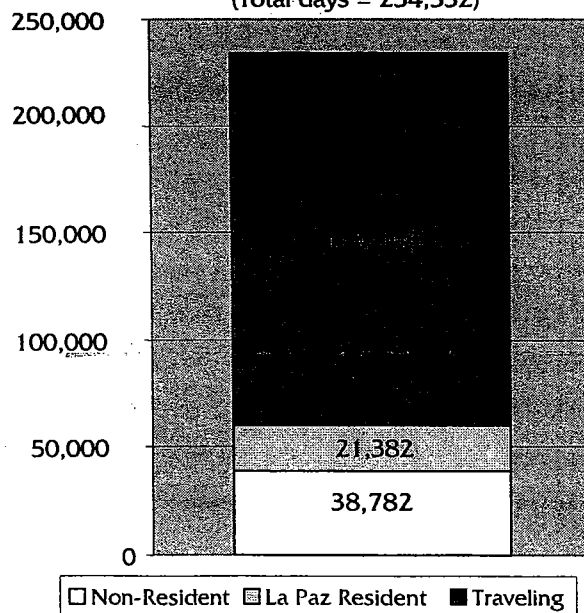
\$0.5 Million

Auxiliary Equipment

\$0.0 Million

### ANGLER DAYS

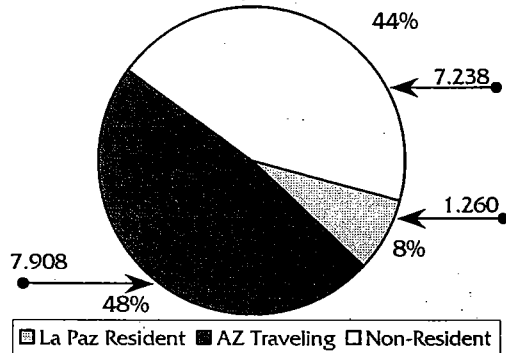
(Total days = 234,332)



# LA PAZ COUNTY

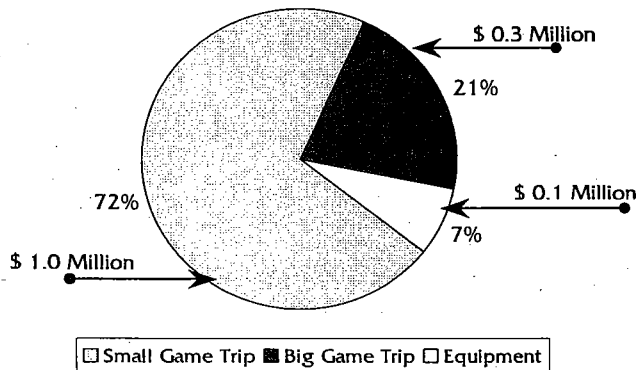
## PERCENT OF TOTAL HUNTER DAYS

(Total days = 16,406)



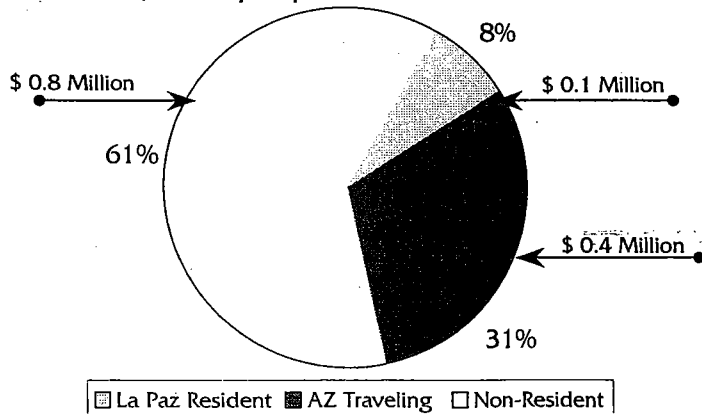
## PERCENT OF TOTAL HUNTING EXPENDITURES

(Total expenditures = \$1.4 Million)



## HUNTING TRIP EXPENDITURES

(Total trip expenditures = \$1.3)



## HUNTING: DIRECT ECONOMIC IMPACTS

### HUNTER DAYS

TOTAL HUNTER DAYS

16,406

TOTAL SMALL GAME

11,742

La Paz County Resident

610

AZ Resident Traveling to La Paz County

4,575

Non-Resident

6,557

TOTAL BIG GAME

4,664

La Paz County Resident

650

AZ Resident Traveling to La Paz County

3,333

Non-Resident

681

### EXPENDITURES

TOTAL HUNTING EXPENDITURES

\$1.4 Million

Small Game Trip Expenditures

\$1.0 Million

Big Game Trip Expenditures

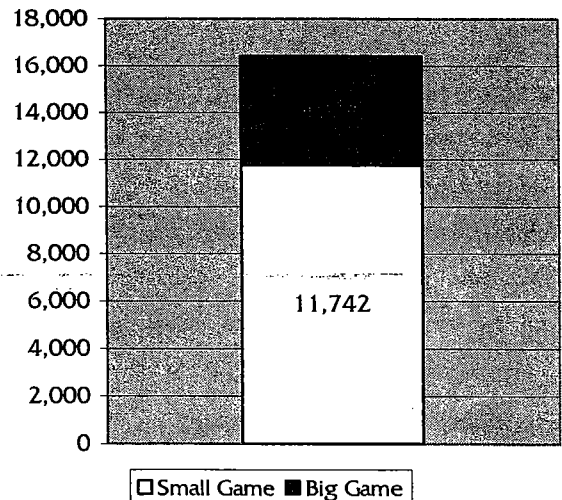
\$0.3 Million

Equipment Expenditures

\$0.1 Million

## HUNTER DAYS

(Total days = 16,406)





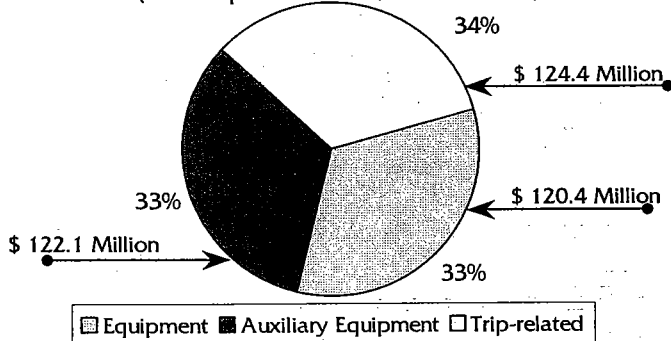
# MARICOPA COUNTY

## ECONOMIC IMPACTS

FISHING AND HUNTING EXPENDITURES	\$ 409.1 Million
TOTAL MULTIPLIER EFFECT	\$ 515 Million
SALARIES AND WAGES	\$ 103 Million
FULL-TIME AND PART-TIME JOBS	5,382
STATE TAX REVENUES	\$ 21.1 Million

### PERCENT OF TOTAL FISHING EXPENDITURES

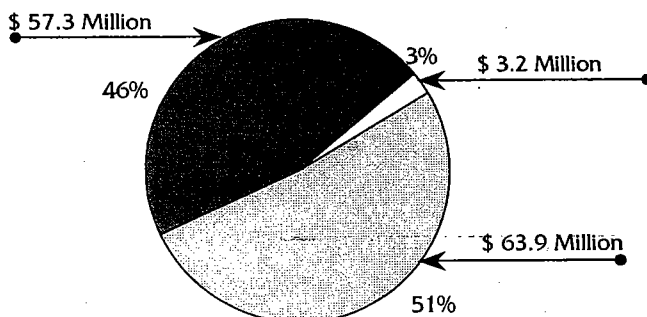
(Total expenditures = \$ 366.9 Million)



Equipment Auxiliary Equipment Trip-related

### FISHING TRIP EXPENDITURES

(Total trip expenditures = \$ 124.4 Million)



Maricopa Resident AZ Traveling Non-Resident

## FISHING: DIRECT ECONOMIC IMPACTS

### ANGLER DAYS

#### TOTAL ANGLER DAYS

1,190,296

Maricopa County Resident

971,450

AZ Resident Traveling to Maricopa County

193,005

Non-Resident

25,841

### EXPENDITURES

#### TOTAL FISHING EXPENDITURES

\$366.9 Million

#### TOTAL TRIP RELATED

\$124.4 Million

Food, Restaurant

\$33.4 Million

Lodging

\$9.0 Million

Transportation

\$33.7 Million

Other

\$48.3 Million

#### TOTAL EQUIPMENT EXPENDITURES

\$242.5 Million

Fishing Equipment

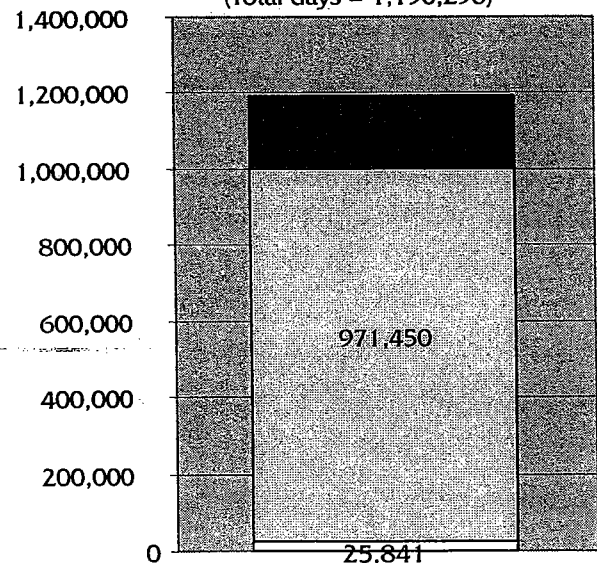
\$120.4 Million

Auxiliary Equipment

\$122.1 Million

### ANGLER DAYS

(Total days = 1,190,296)

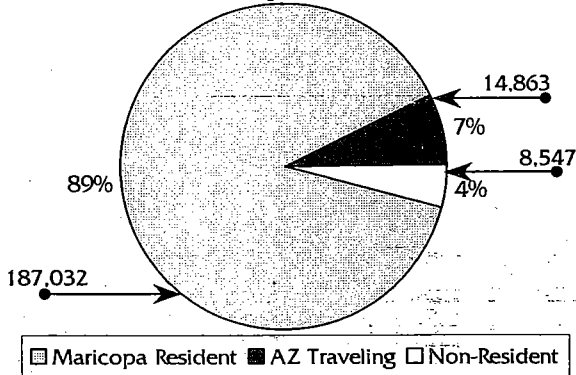


Non-Resident Maricopa Resident Traveling

# MARICOPA COUNTY

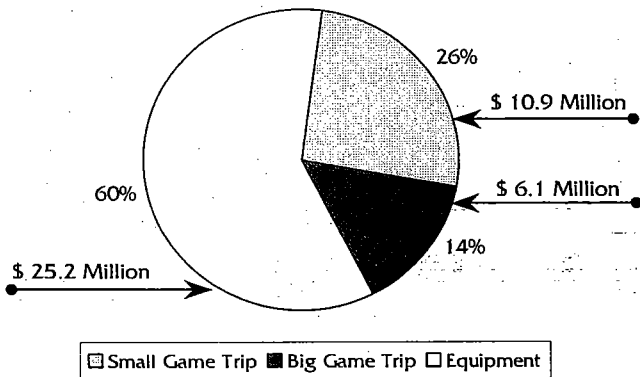
## PERCENT OF TOTAL HUNTER DAYS

(Total days = 210,442)



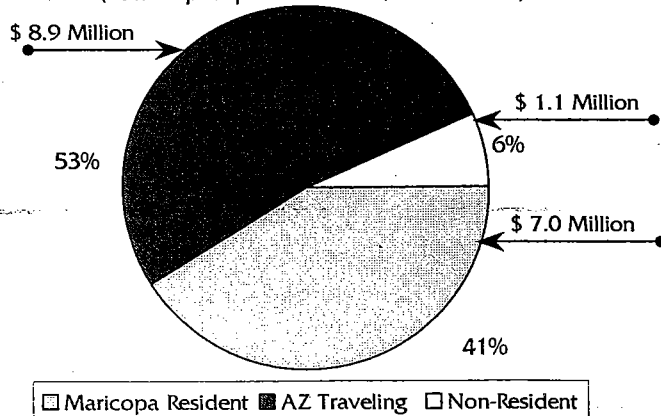
## PERCENT OF TOTAL HUNTING EXPENDITURES

(Total expenditures = \$42.2 Million)



## HUNTING TRIP EXPENDITURES

(Total trip expenditures = \$17.0 Million)



## HUNTING: DIRECT ECONOMIC IMPACTS

### HUNTER DAYS

#### TOTAL HUNTER DAYS

210,442

#### TOTAL SMALL GAME

193,589

Maricopa County Resident

172,469

AZ Resident Traveling to Maricopa County

13,038

Non-Resident

8,082

#### TOTAL BIG GAME

16,853

Maricopa County Resident

14,563

AZ Resident Traveling to Maricopa County

1,825

Non-Resident

465

### EXPENDITURES

#### TOTAL HUNTING EXPENDITURES

\$42.2 Million

Small Game Trip Expenditures

\$10.9 Million

Big Game Trip Expenditures

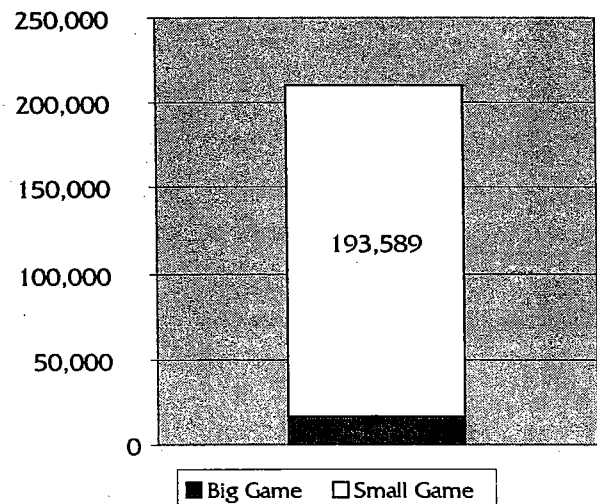
\$6.1 Million

Equipment Expenditures

\$25.2 Million

## HUNTER DAYS

(Total days = 210,442)



# MOHAVE COUNTY

## ECONOMIC IMPACTS

FISHING AND HUNTING EXPENDITURES	\$ 79.9 Million
TOTAL MULTIPLIER EFFECT	\$ 99 Million
SALARIES AND WAGES	\$ 17.7 Million
FULL-TIME AND PART-TIME JOBS	1,682
STATE TAX REVENUES	\$ 3.9 Million

## FISHING: DIRECT ECONOMIC IMPACTS

### ANGLER DAYS

#### TOTAL ANGLER DAYS

804,679

Mohave County Resident

517,132

AZ Resident Traveling to Mohave County

159,233

Non-Resident

128,314

### EXPENDITURES

#### TOTAL FISHING EXPENDITURES

\$74.5 Million

#### TOTAL TRIP RELATED

\$57.3 Million

Food, Restaurant

\$12.4 Million

Lodging

\$6.5 Million

Transportation

\$13.0 Million

Other

\$25.4 Million

#### TOTAL EQUIPMENT EXPENDITURES

\$17.2 Million

Fishing Equipment

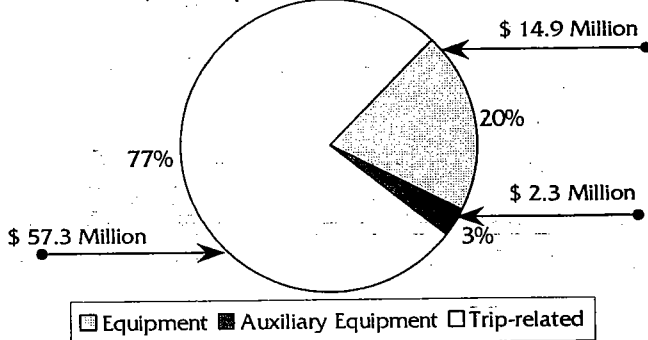
\$14.9 Million

Auxiliary Equipment

\$2.3 Million

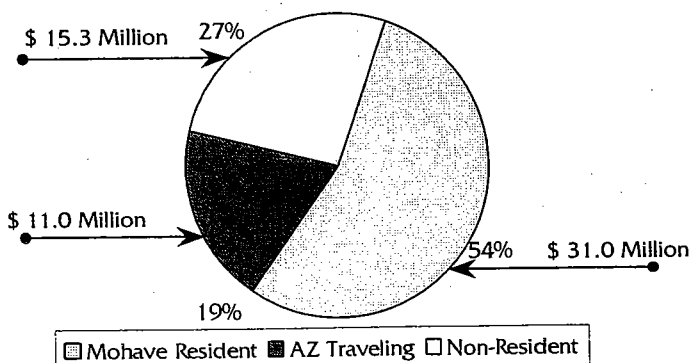
### PERCENT OF TOTAL FISHING EXPENDITURES

(Total expenditures = \$ 74.5 Million)



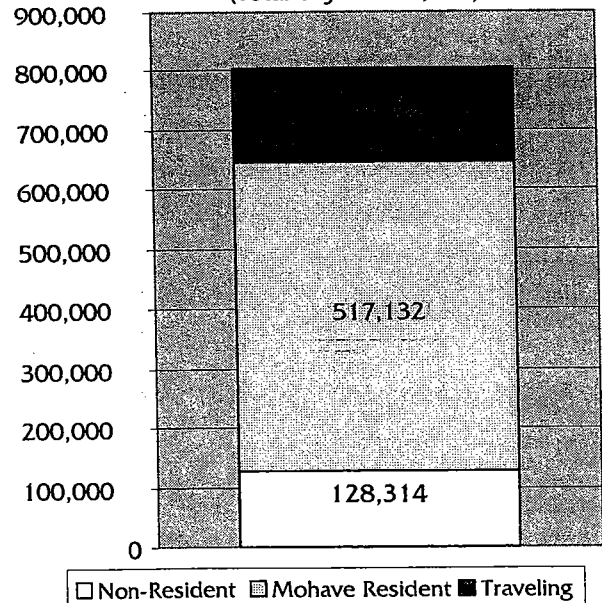
### FISHING TRIP EXPENDITURES

(Total trip expenditures = \$ 57.3 Million)



### ANGLER DAYS

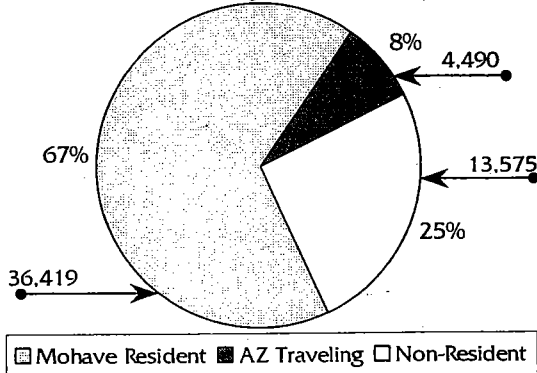
(Total days = 804,679)



# MOHAVE COUNTY

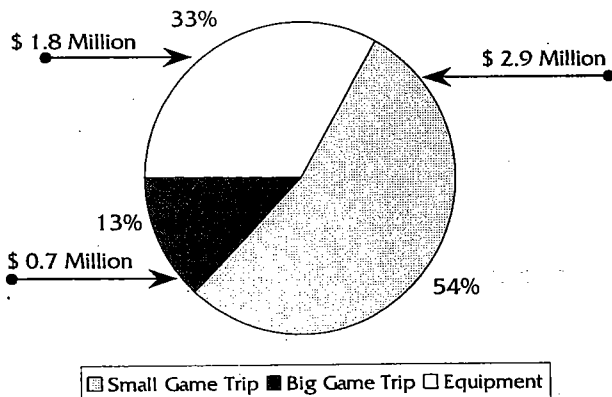
## PERCENT OF TOTAL HUNTER DAYS

(Total days = 54,484)



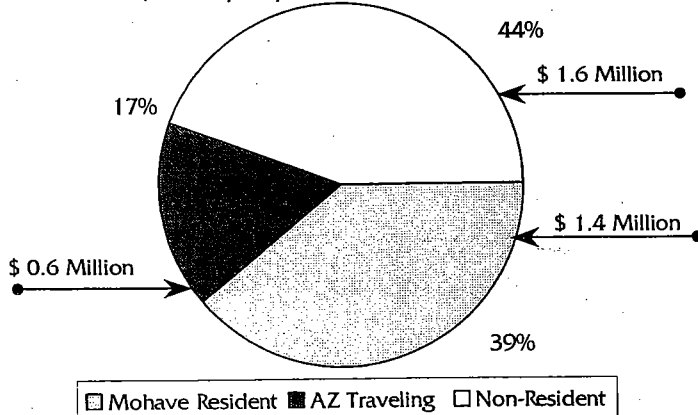
## PERCENT OF TOTAL HUNTING EXPENDITURES

(Total expenditures = \$5.4 Million)



## HUNTING TRIP EXPENDITURES

(Total trip expenditures = \$3.6 Million)



## HUNTING: DIRECT ECONOMIC IMPACTS

### HUNTER DAYS

#### TOTAL HUNTER DAYS

54,484

#### TOTAL SMALL GAME

46,053

Mohave County Resident

30,956

AZ Resident Traveling to Mohave County

2,440

Non-Resident

12,657

#### TOTAL BIG GAME

8,431

Mohave County Resident

5,463

AZ Resident Traveling to Mohave County

2,050

Non-Resident

918

### EXPENDITURES

#### TOTAL HUNTING EXPENDITURES

\$5.4 Million

Small Game Trip Expenditures

\$2.9 Million

Big Game Trip Expenditures

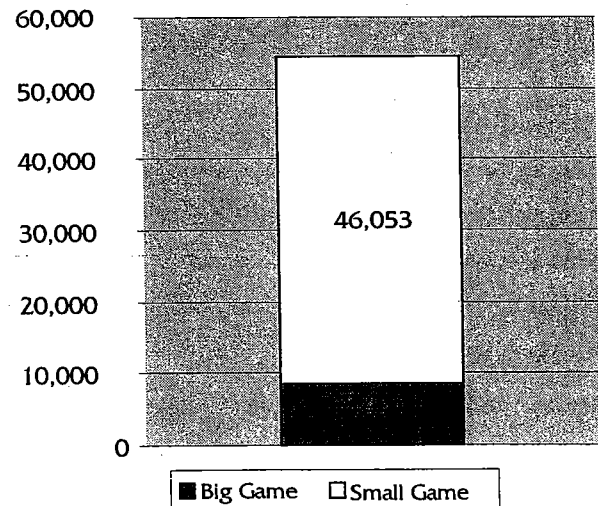
\$0.7 Million

Equipment Expenditures

\$1.8 Million

## HUNTER DAYS

(Total days = 54,484)



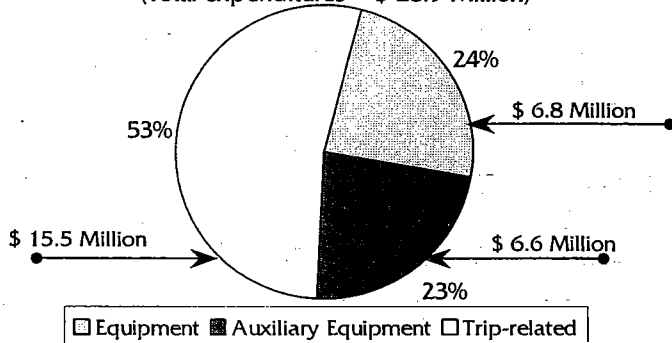
# NAVAJO COUNTY

## ECONOMIC IMPACTS

FISHING AND HUNTING EXPENDITURES	\$ 33.3 Million
TOTAL MULTIPLIER EFFECT	\$ 38.3 Million
SALARIES AND WAGES	\$ 5.0 Million
FULL-TIME AND PART-TIME JOBS	543
STATE TAX REVENUES	\$ 1.3 Million

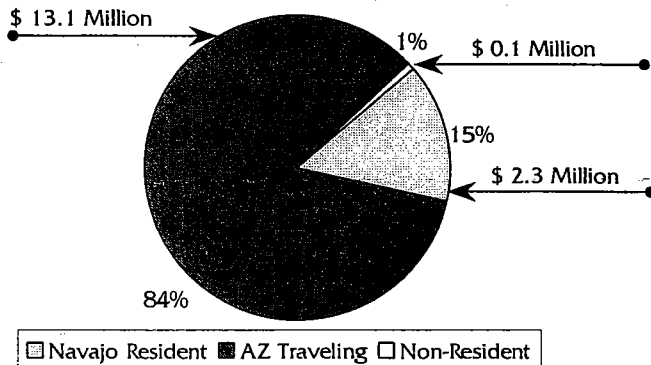
### PERCENT OF TOTAL FISHING EXPENDITURES

(Total expenditures = \$ 28.9 Million)



### FISHING TRIP EXPENDITURES

(Total trip expenditures = \$ 15.5 Million)



## FISHING: DIRECT ECONOMIC IMPACTS

### ANGLER DAYS

#### TOTAL ANGLER DAYS

223,606

Navajo County Resident

82,191

AZ Resident Traveling to Navajo County

140,566

Non-Resident

849

### EXPENDITURES

#### TOTAL FISHING EXPENDITURES

\$28.9 Million

#### TOTAL TRIP RELATED

\$15.5 Million

Food, Restaurant

\$4.0 Million

Lodging

\$2.2 Million

Transportation

\$3.8 Million

Other

\$5.5 Million

#### TOTAL EQUIPMENT EXPENDITURES

\$13.4 Million

Fishing Equipment

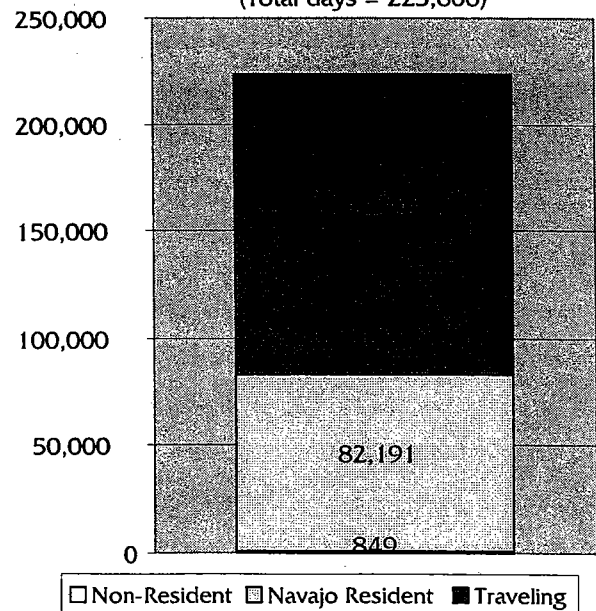
\$6.8 Million

Auxiliary Equipment

\$6.6 Million

### ANGLER DAYS

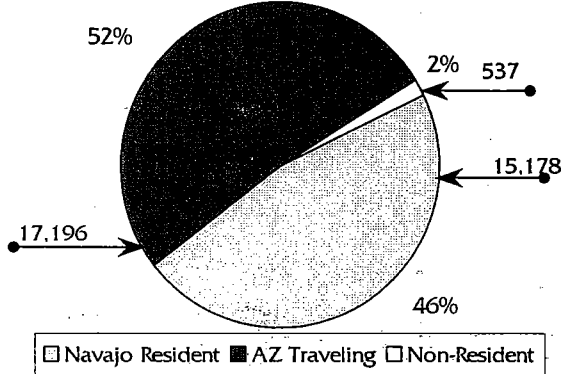
(Total days = 223,606)



# NAVAJO COUNTY

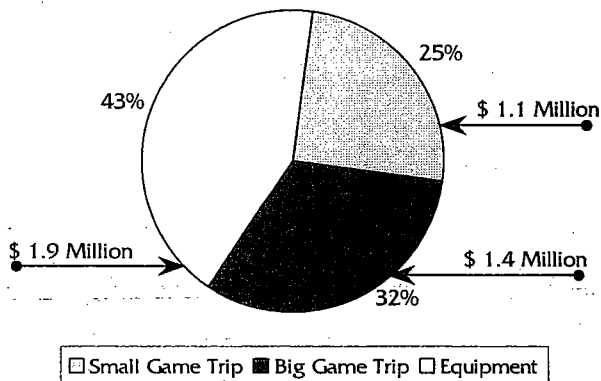
## PERCENT OF TOTAL HUNTER DAYS

(Total days = 32,911)



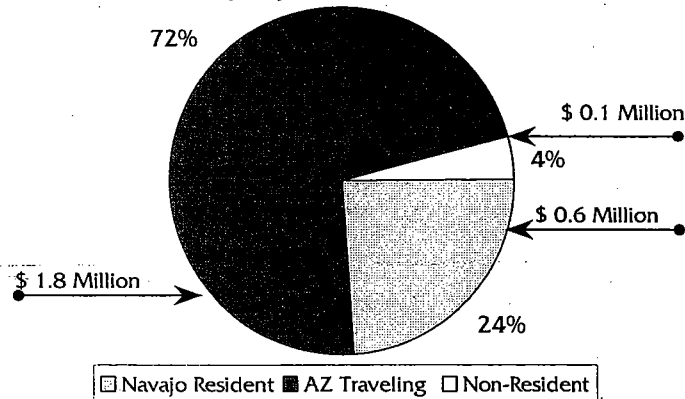
## PERCENT OF TOTAL HUNTING EXPENDITURES

(Total expenditures = \$4.4 Million)



## HUNTING TRIP EXPENDITURES

(Total trip expenditures = \$2.5 Million)



## HUNTING: DIRECT ECONOMIC IMPACTS

### HUNTER DAYS

#### TOTAL HUNTER DAYS

32,911

#### TOTAL SMALL GAME

15,097

Navajo County Resident

10,217

AZ Resident Traveling to Navajo County

4,880

Non-Resident

0

#### TOTAL BIG GAME

17,814

Navajo County Resident

4,961

AZ Resident Traveling to Navajo County

12,316

Non-Resident

537

### EXPENDITURES

#### TOTAL HUNTING EXPENDITURES

\$4.4 Million

Small Game Trip Expenditures

\$1.1 Million

Big Game Trip Expenditures

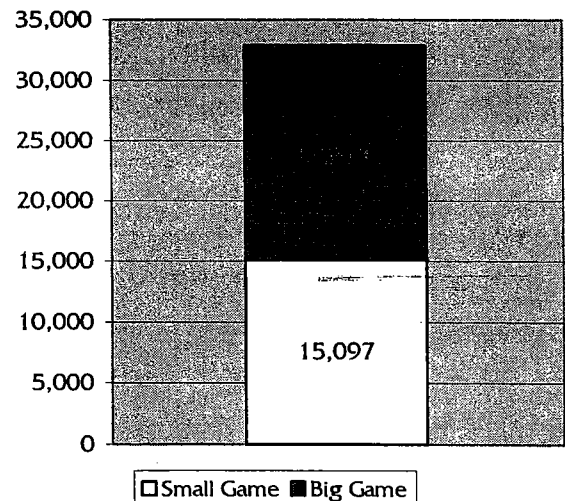
\$1.4 Million

Equipment Expenditures

\$1.9 Million

## HUNTER DAYS

(Total days = 32,911)

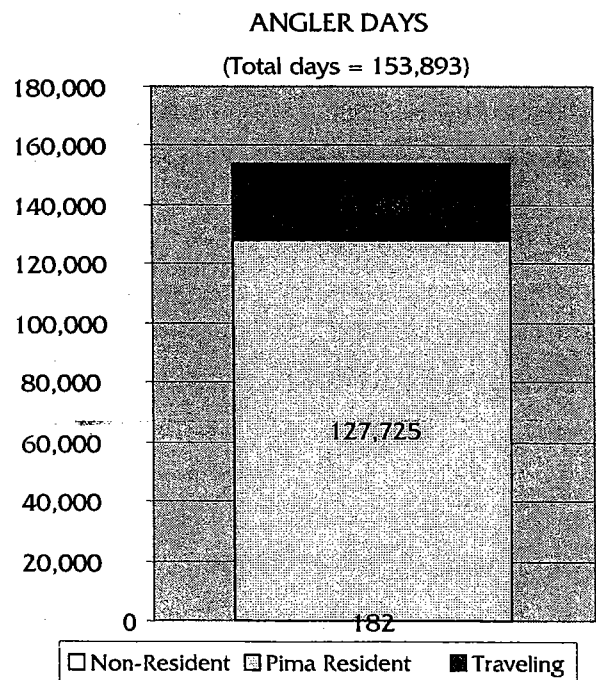
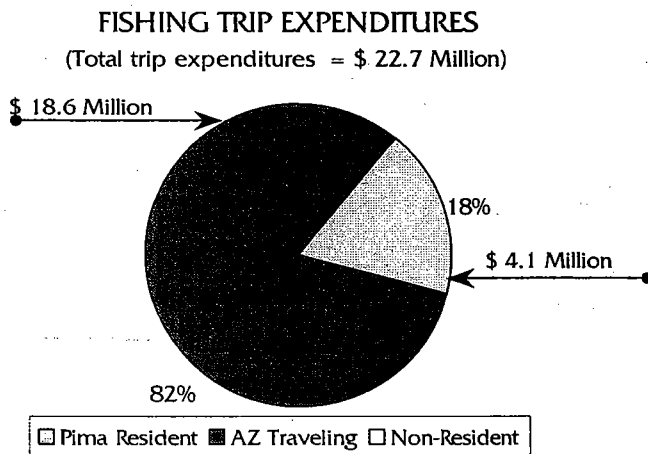
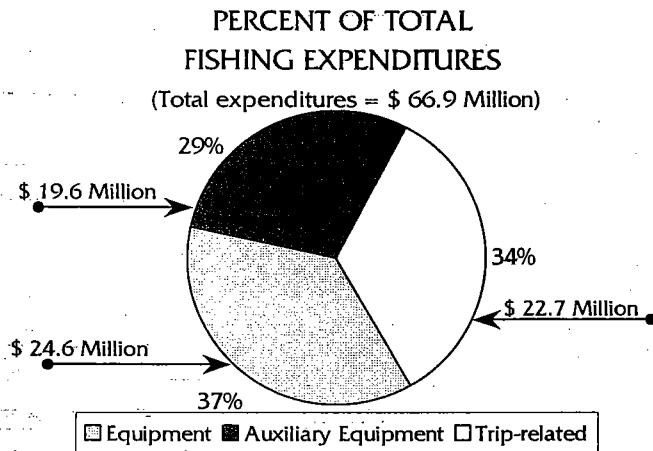




# PIMA COUNTY

ECONOMIC IMPACTS	
FISHING AND HUNTING EXPENDITURES	\$ 84.5 Million
TOTAL MULTIPLIER EFFECT	\$ 105 Million
SALARIES AND WAGES	\$ 18.3 Million
FULL-TIME AND PART-TIME JOBS	1,187
STATE TAX REVENUES	\$ 5.4 Million

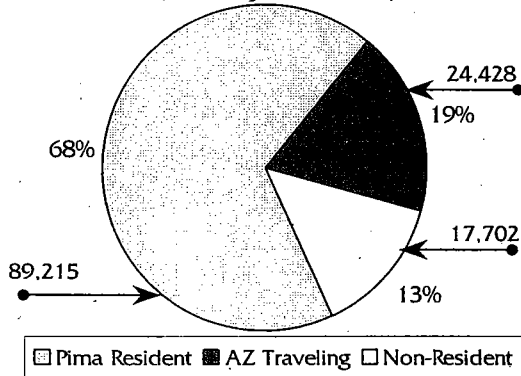
FISHING: DIRECT ECONOMIC IMPACTS	
ANGLER DAYS	
TOTAL ANGLER DAYS	153,893
Pima County Resident	127,725
AZ Resident Traveling to Pima County	25,986
Non-Resident	182
EXPENDITURES	
TOTAL FISHING EXPENDITURES	\$66.9 Million
TOTAL TRIP RELATED	\$22.7 Million
Food, Restaurant	\$6.5 Million
Lodging	\$0.8 Million
Transportation	\$7.4 Million
Other	\$8.0 Million
TOTAL EQUIPMENT EXPENDITURES	\$44.2 Million
Fishing Equipment	\$24.6 Million
Auxiliary Equipment	\$19.6 Million



# PIMA COUNTY

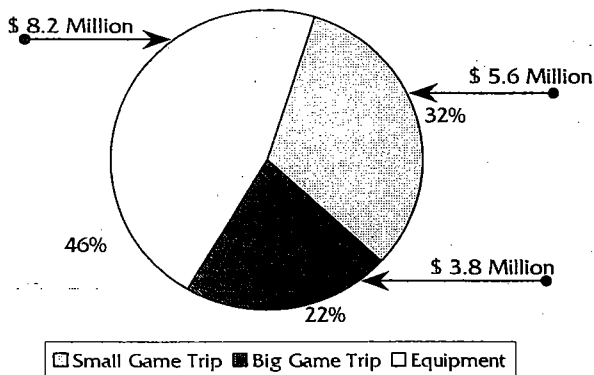
## PERCENT OF TOTAL HUNTER DAYS

(Total days = 131,345)



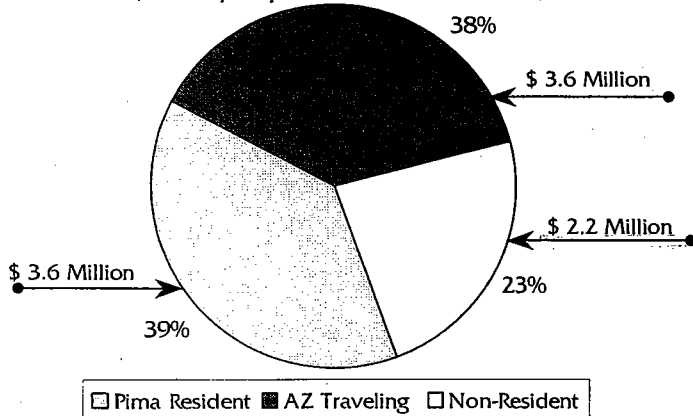
## PERCENT OF TOTAL HUNTING EXPENDITURES

(Total expenditures = \$17.6 Million)



## HUNTING TRIP EXPENDITURES

(Total trip expenditures = \$9.4 Million)



## HUNTING: DIRECT ECONOMIC IMPACTS

### HUNTER DAYS

TOTAL HUNTER DAYS

131,345

TOTAL SMALL GAME

83,414

Pima County Resident

61,607

AZ Resident Traveling to Pima County

6,710

Non-Resident

15,097

TOTAL BIG GAME

47,931

Pima County Resident

27,608

AZ Resident Traveling to Pima County

17,718

Non-Resident

2,605

### EXPENDITURES

TOTAL HUNTING EXPENDITURES

\$17.6 Million

Small Game Trip Expenditures

\$5.6 Million

Big Game Trip Expenditures

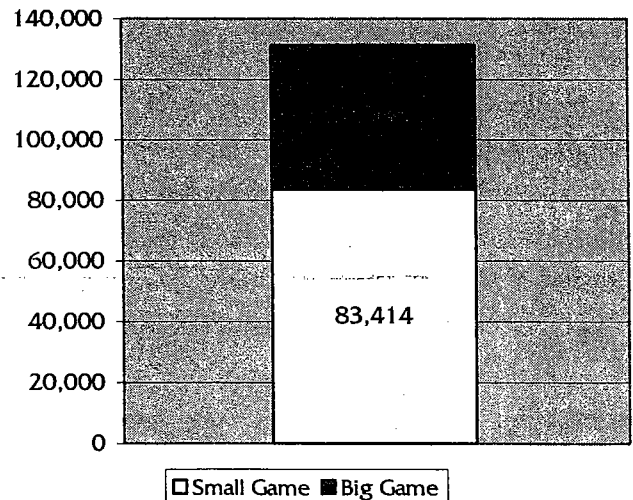
\$3.8 Million

Equipment Expenditures

\$8.2 Million

## HUNTER DAYS

(Total days = 131,345)





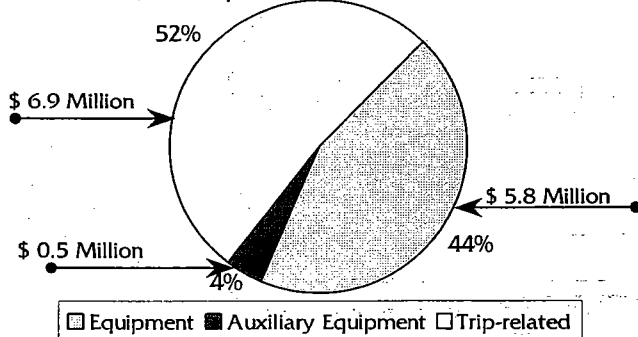
# PINAL COUNTY

## ECONOMIC IMPACTS

FISHING AND HUNTING EXPENDITURES	\$ 20.0 Million
TOTAL MULTIPLIER EFFECT	\$ 22.9 Million
SALARIES AND WAGES	\$ 3.8 Million
FULL-TIME AND PART-TIME JOBS	296
STATE TAX REVENUES	\$ 933,000

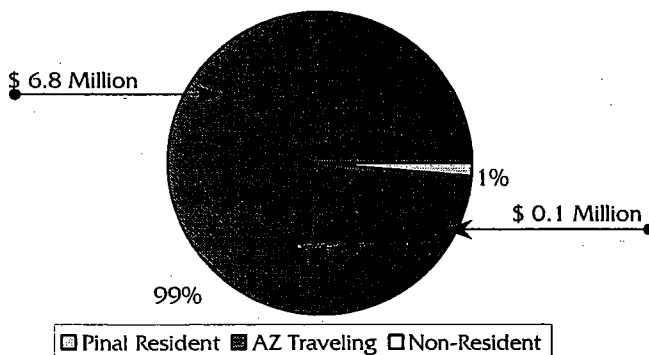
## PERCENT OF TOTAL FISHING EXPENDITURES

(Total expenditures = \$ 13.2 Million)



## FISHING TRIP EXPENDITURES

(Total trip expenditures = \$ 6.9 Million)



## FISHING: DIRECT ECONOMIC IMPACTS

### ANGLER DAYS

#### TOTAL ANGLER DAYS

24,802

Pinal County Resident

1,555

AZ Resident Traveling to Pinal County

22,968

Non-Resident

279

### EXPENDITURES

#### TOTAL FISHING EXPENDITURES

\$13.2 Million

#### TOTAL TRIP RELATED

\$6.9 Million

Food, Restaurant

\$2.0 Million

Lodging

\$0.5 Million

Transportation

\$2.0 Million

Other

\$2.4 Million

#### TOTAL EQUIPMENT EXPENDITURES

\$6.3 Million

Fishing Equipment

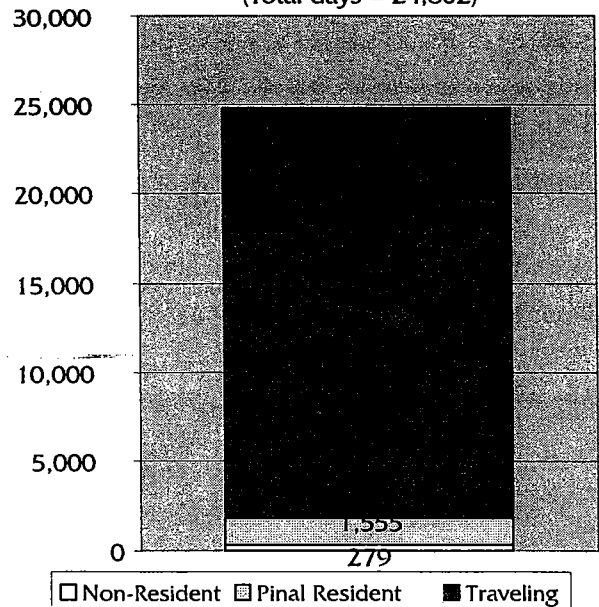
\$5.8 Million

Auxiliary Equipment

\$0.5 Million

### ANGLER DAYS

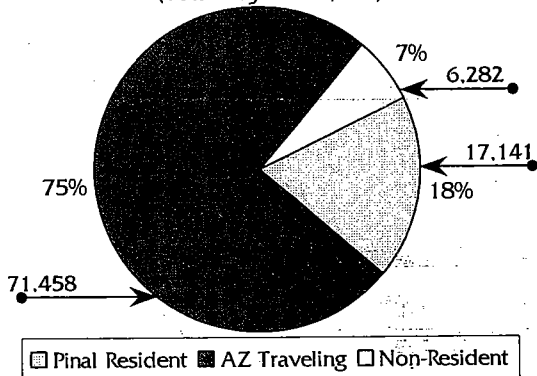
(Total days = 24,802)



# PINAL COUNTY

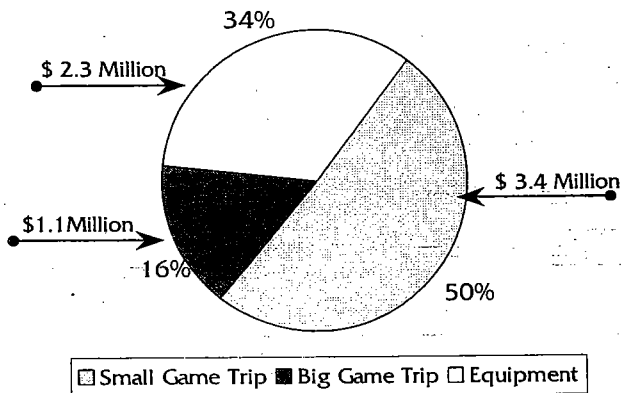
## PERCENT OF TOTAL HUNTER DAYS

(Total days = 94,881)



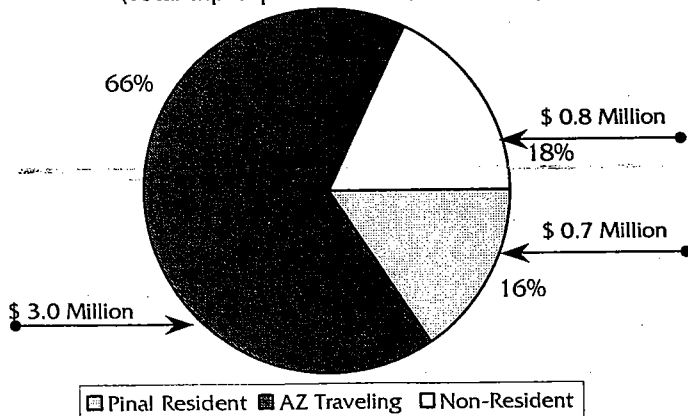
## PERCENT OF TOTAL HUNTING EXPENDITURES

(Total expenditures = \$6.8 Million)



## HUNTING TRIP EXPENDITURES

(Total trip expenditures = \$4.5 Million)



## HUNTING: DIRECT ECONOMIC IMPACTS

### HUNTER DAYS

TOTAL HUNTER DAYS

94,881

TOTAL SMALL GAME

82,956

Pinal County Resident

14,029

AZ Resident Traveling to Pinal County

63,285

Non-Resident

5,642

TOTAL BIG GAME

11,925

Pinal County Resident

3,112

AZ Resident Traveling to Pinal County

8,173

Non-Resident

640

### EXPENDITURES

TOTAL HUNTING EXPENDITURES

\$6.8 Million

Small Game Trip Expenditures

\$3.4 Million

Big Game Trip Expenditures

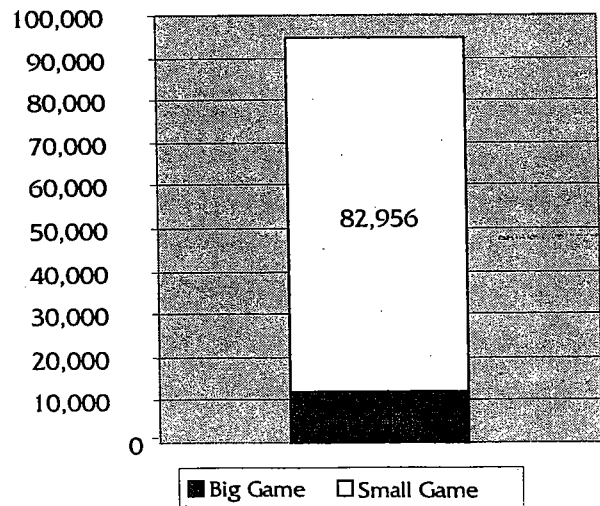
\$1.1 Million

Equipment Expenditures

\$2.3 Million

## HUNTER DAYS

(Total days = 94,881)

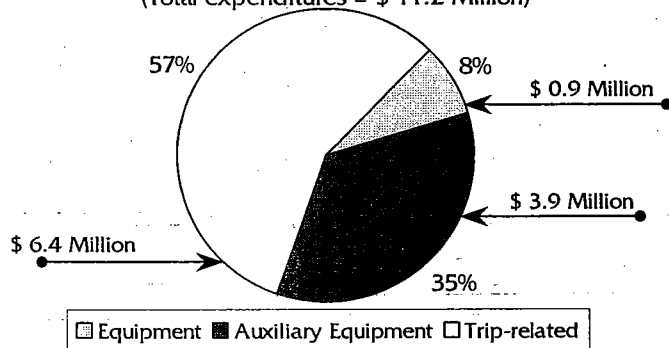


# SANTA CRUZ COUNTY

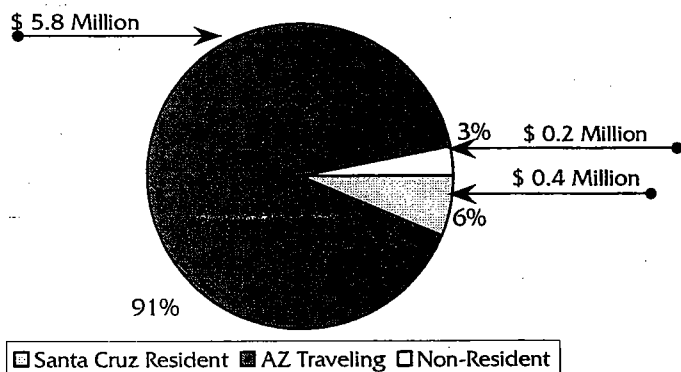
## ECONOMIC IMPACTS

FISHING AND HUNTING EXPENDITURES	\$ 13.9 Million
TOTAL MULTIPLIER EFFECT	\$ 16.7 Million
SALARIES AND WAGES	\$ 2.7 Million
FULL-TIME AND PART-TIME JOBS	216
STATE TAX REVENUES	\$ 919,900

PERCENT OF TOTAL  
FISHING EXPENDITURES  
(Total expenditures = \$ 11.2 Million)



FISHING TRIP EXPENDITURES  
(Total trip expenditures = \$ 6.4 Million)



## FISHING: DIRECT ECONOMIC IMPACTS

### ANGLER DAYS

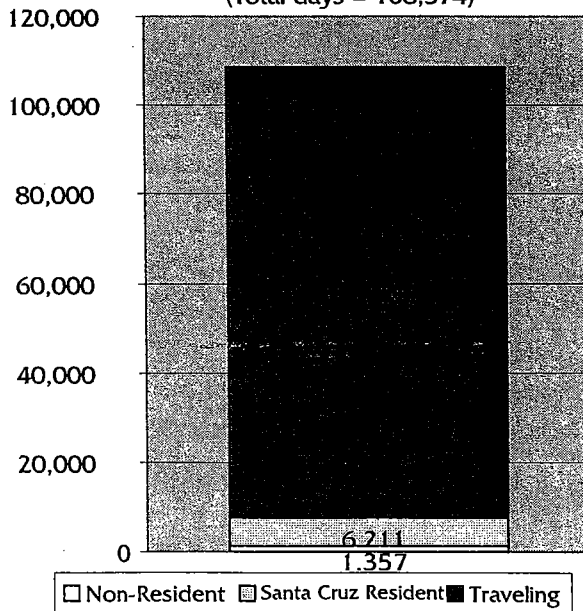
TOTAL ANGLER DAYS	108,574
Santa Cruz County Resident	6,211
AZ Resident Traveling to Santa Cruz County	101,006
Non-Resident	1,357

### EXPENDITURES

TOTAL FISHING EXPENDITURES	\$11.2 Million
TOTAL TRIP RELATED	\$6.4 Million
Food, Restaurant	\$1.5 Million
Lodging	\$1.5 Million
Transportation	\$1.3 Million
Other	\$2.1 Million
TOTAL EQUIPMENT EXPENDITURES	\$4.8 Million
Fishing Equipment	\$0.9 Million
Auxiliary Equipment	\$3.9 Million

### ANGLER DAYS

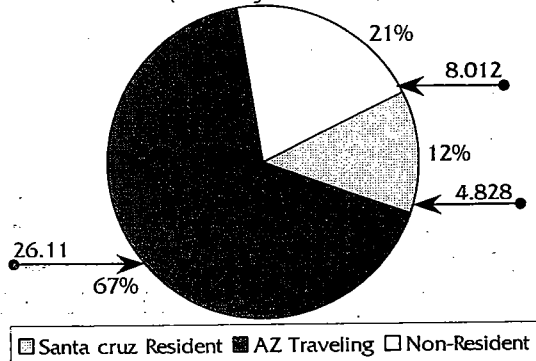
(Total days = 108,574)



# SANTA CRUZ COUNTY

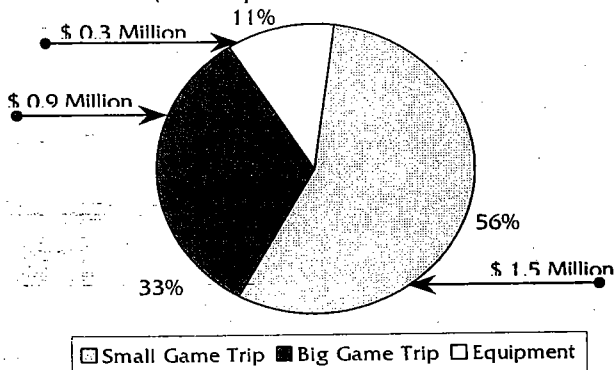
## PERCENT OF TOTAL HUNTER DAYS

(Total days = 38,958)



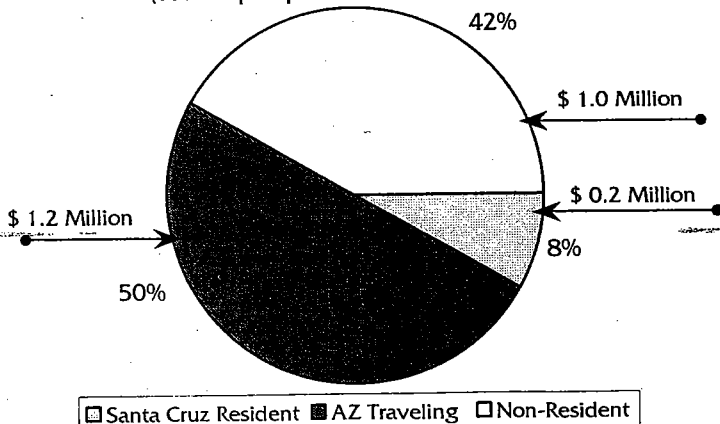
## PERCENT OF TOTAL HUNTING EXPENDITURES

(Total expenditures = \$2.7 Million)



## HUNTING TRIP EXPENDITURES

(Total trip expenditures = \$2.4 Million)



## HUNTING: DIRECT ECONOMIC IMPACTS

### HUNTER DAYS

#### TOTAL HUNTER DAYS

38,958

#### TOTAL SMALL GAME

23,484

Santa Cruz County Resident

3,355

AZ Resident Traveling to Santa Cruz County

12,809

Non-Resident

7,320

#### TOTAL BIG GAME

15,474

Santa Cruz County Resident

1,473

AZ Resident Traveling to Santa Cruz County

13,309

Non-Resident

692

### EXPENDITURES

#### TOTAL HUNTING EXPENDITURES

\$2.7 Million

Small Game Trip Expenditures

\$1.5 Million

Big Game Trip Expenditures

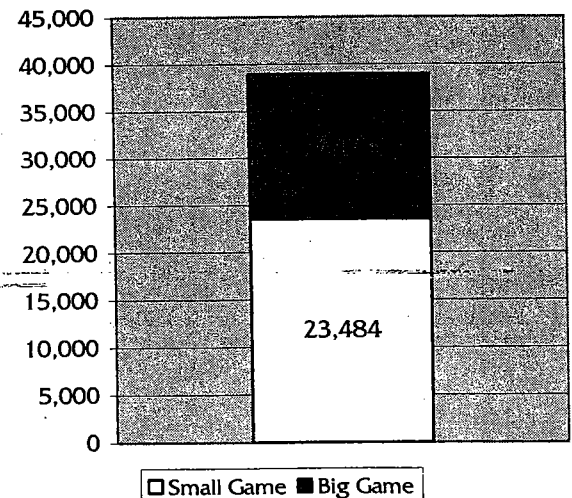
\$0.9 Million

Equipment Expenditures

\$0.3 Million

## HUNTER DAYS

(Total days = 38,958)



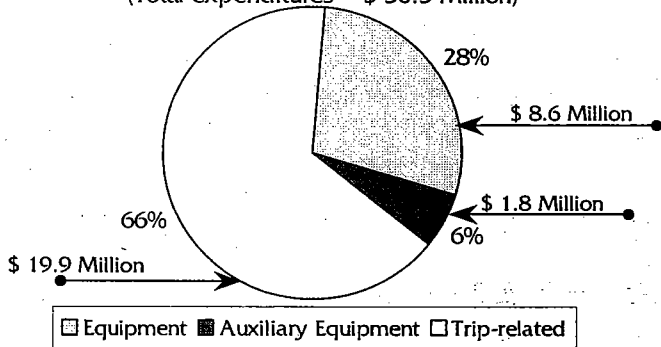
# YAVAPAI COUNTY

## ECONOMIC IMPACTS

FISHING AND HUNTING EXPENDITURES	\$ 40.0 Million
TOTAL MULTIPLIER EFFECT	\$ 49.9 Million
SALARIES AND WAGES	\$ 9.8 Million
FULL-TIME AND PART-TIME JOBS	811
STATE TAX REVENUES	\$ 2.3 Million

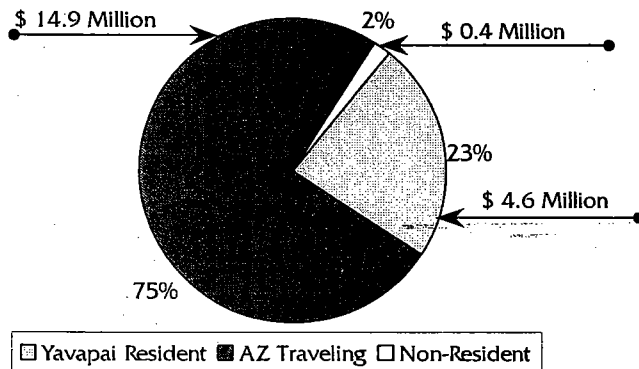
## PERCENT OF TOTAL FISHING EXPENDITURES

(Total expenditures = \$ 30.3 Million)



## FISHING TRIP EXPENDITURES

(Total trip expenditures = \$ 19.9 Million)



## FISHING: DIRECT ECONOMIC IMPACTS

### ANGLER DAYS

#### TOTAL ANGLER DAYS

276,407

Yavapai County Resident

81,219

AZ Resident Traveling to Yavapai County

191,793

Non-Resident

3,395

### EXPENDITURES

#### TOTAL FISHING EXPENDITURES

\$30.3 Million

#### TOTAL TRIP RELATED

\$19.9 Million

Food, Restaurant

\$4.9 Million

Lodging

\$2.9 Million

Transportation

\$4.4 Million

Other

\$7.7 Million

#### TOTAL EQUIPMENT EXPENDITURES

\$10.4 Million

Fishing Equipment

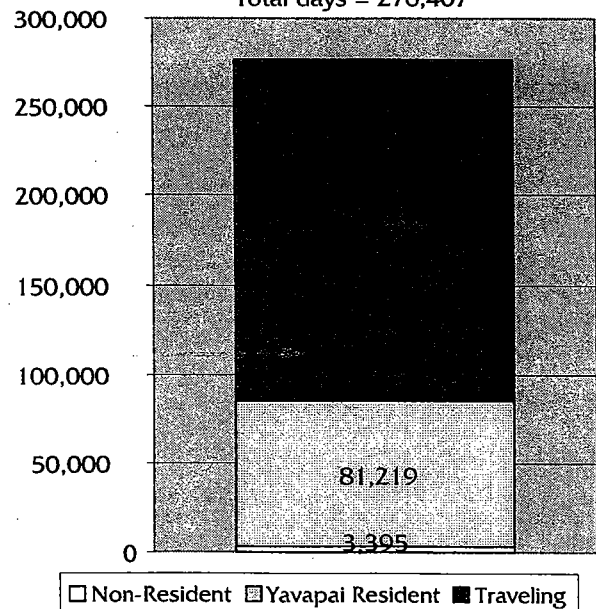
\$8.6 Million

Auxiliary Equipment

\$1.8 Million

### ANGLER DAYS

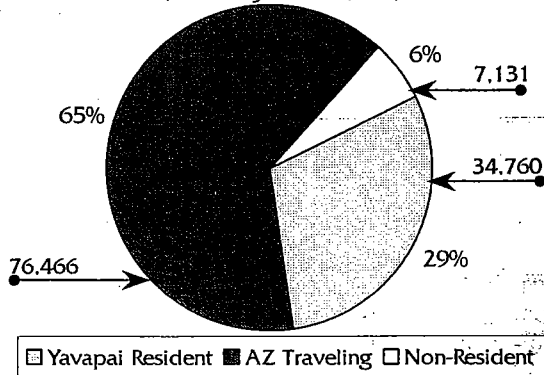
Total days = 276,407



# YAVAPAI COUNTY

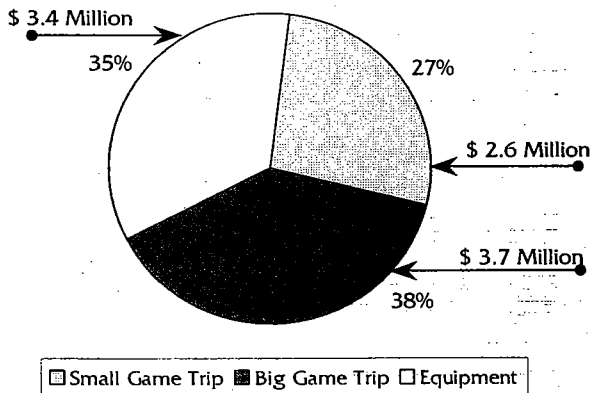
## PERCENT OF TOTAL HUNTER DAYS

(Total days = 118,357)



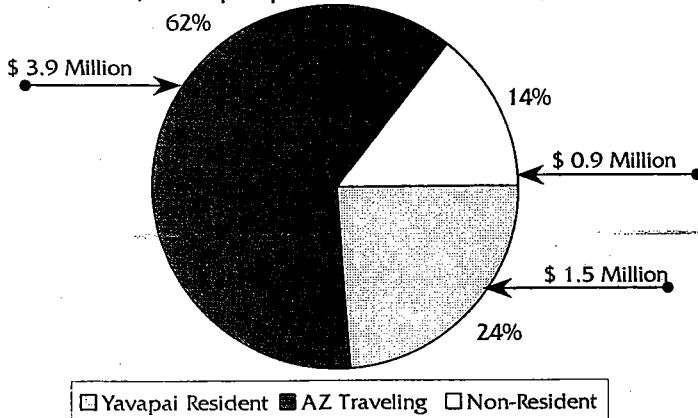
## PERCENT OF TOTAL HUNTING EXPENDITURES

(Total expenditures = \$9.7 Million)



## HUNTING TRIP EXPENDITURES

(Total trip expenditures = \$6.3 Million)



## HUNTING: DIRECT ECONOMIC IMPACTS

### HUNTER DAYS

#### TOTAL HUNTER DAYS

118,357

#### TOTAL SMALL GAME

59,625

Yavapai County Resident

18,757

AZ Resident Traveling to Yavapai County

36,598

Non-Resident

4,270

#### TOTAL BIG GAME

58,732

Yavapai County Resident

16,003

AZ Resident Traveling to Yavapai County

39,868

Non-Resident

2,861

### EXPENDITURES

#### TOTAL HUNTING EXPENDITURES

\$9.7 Million

Small Game Trip Expenditures

\$2.6 Million

Big Game Trip Expenditures

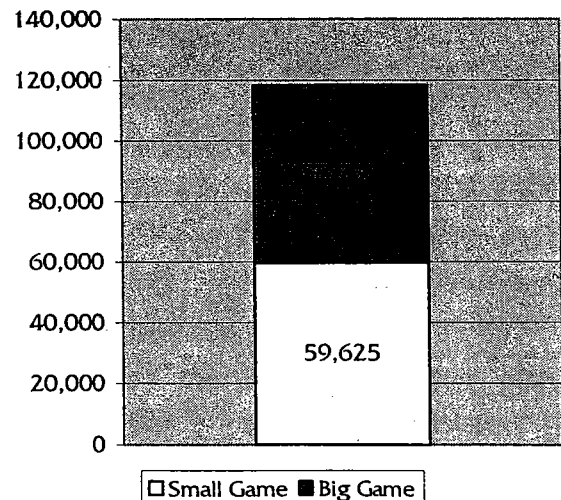
\$3.7 Million

Equipment Expenditures

\$3.4 Million

## HUNTER DAYS

(Total days = 118,357)





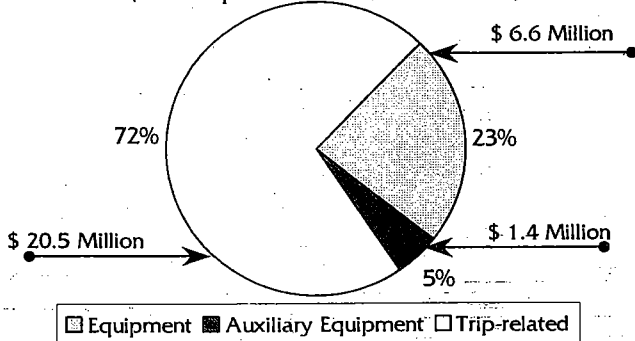
# YUMA COUNTY

## ECONOMIC IMPACTS

FISHING AND HUNTING EXPENDITURES	\$ 34.2 Million
TOTAL MULTIPLIER EFFECT	\$ 42.0 Million
SALARIES AND WAGES	\$ 7.8 Million
FULL-TIME AND PART-TIME JOBS	689
STATE TAX REVENUES	\$ 1.8 Million

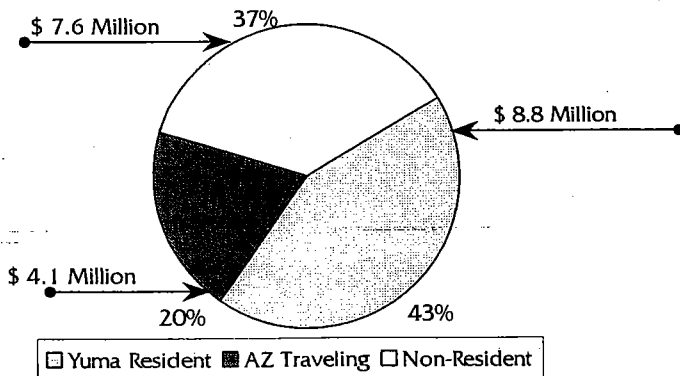
## PERCENT OF TOTAL FISHING EXPENDITURES

(Total expenditures = \$ 28.5 Million)



## FISHING TRIP EXPENDITURES

(Total trip expenditures = \$ 20.5 Million)



## FISHING, DIRECT ECONOMIC IMPACTS

### ANGLER DAYS

#### TOTAL ANGLER DAYS

238,175

Yuma County Resident

162,622

AZ Resident Traveling to Yuma County

11,981

Non-Resident

63,572

### EXPENDITURES

#### TOTAL FISHING EXPENDITURES

\$28.5 Million

#### TOTAL TRIP RELATED

\$20.5 Million

Food, Restaurant

\$4.3 Million

Lodging

\$2.3 Million

Transportation

\$6.0 Million

Other

\$7.9 Million

#### TOTAL EQUIPMENT EXPENDITURES

\$8.0 Million

Fishing Equipment

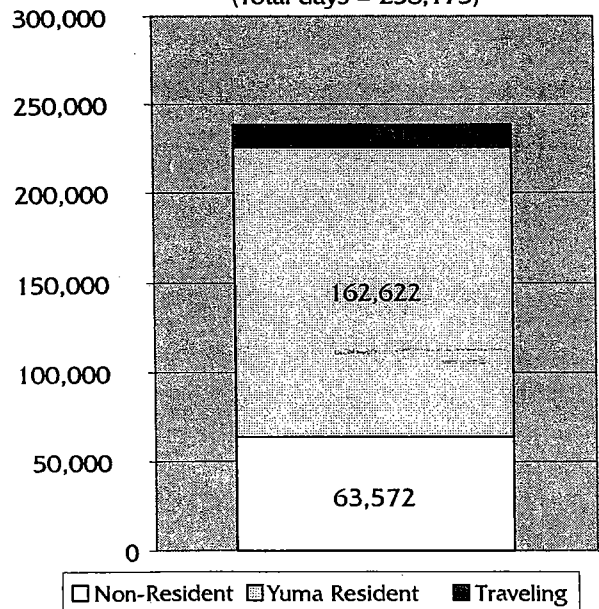
\$6.6 Million

Auxiliary Equipment

\$1.4 Million

### ANGLER DAYS

(Total days = 238,175)

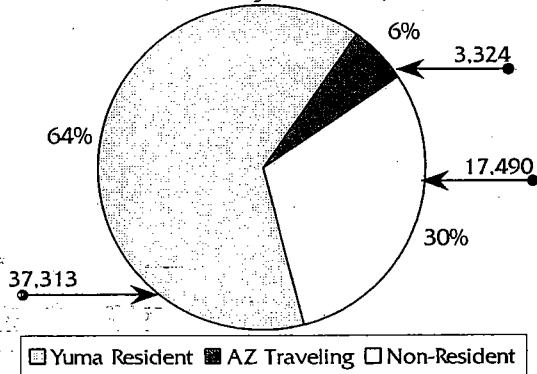




# YUMA COUNTY

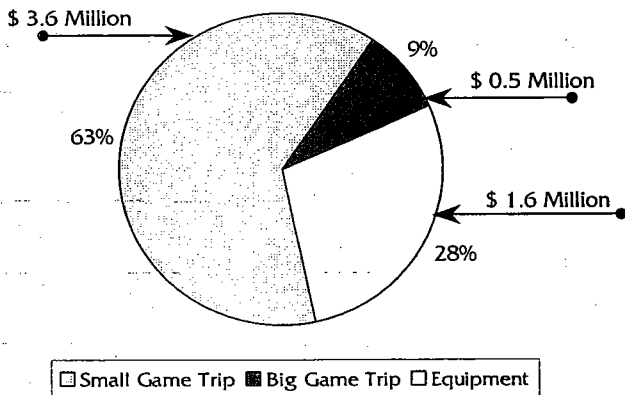
## PERCENT OF TOTAL HUNTER DAYS

(Total days = 58,127)



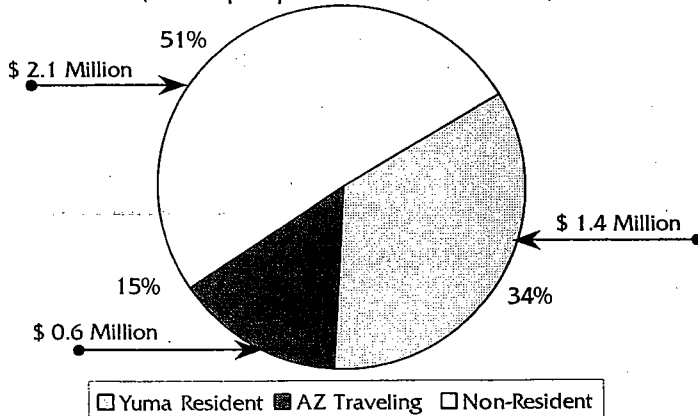
## PERCENT OF TOTAL HUNTING EXPENDITURES

(Total expenditures = \$5.7 Million)



## HUNTING TRIP EXPENDITURES

(Total trip expenditures = \$4.1 Million)



## HUNTING: DIRECT ECONOMIC IMPACTS

### HUNTER DAYS

TOTAL HUNTER DAYS

58,127

TOTAL SMALL GAME

53,983

Yuma County Resident

34,616

AZ Resident Traveling to Yuma County

2,135

Non-Resident

17,232

TOTAL BIG GAME

4,144

Yuma County Resident

2,697

AZ Resident Traveling to Yuma County

1,189

Non-Resident

258

### EXPENDITURES

TOTAL HUNTING EXPENDITURES

\$5.7 Million

Small Game Trip Expenditures

\$3.6 Million

Big Game Trip Expenditures

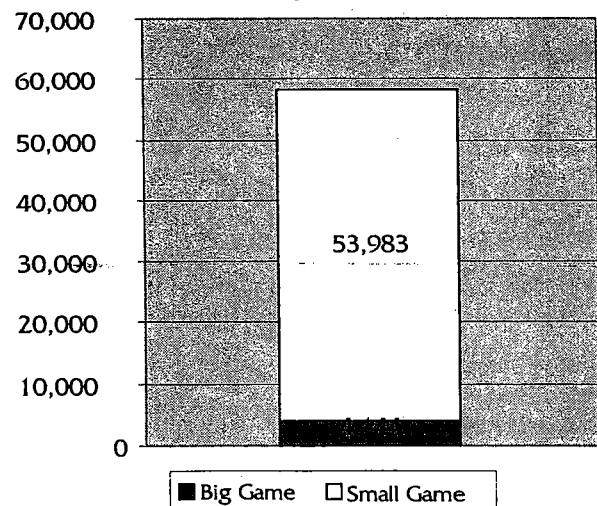
\$0.5 Million

Equipment Expenditures

\$1.6 Million

## HUNTER DAYS

(Total days = 58,127)



## APPENDIX A

### Number of Anglers and Hunters

NUMBER OF ANGLERS AND HUNTERS RESIDING IN EACH ARIZONA COUNTY

COUNTY	# OF ANGLERS	# OF HUNTERS
APACHE	2,269	2,147
COCHISE	3,547	2,455
COCONINO	17,447	8,143
GILA	5,692	3,986
GRAHAM	1,155	1,976
GREENLEE	536	1,062
LAPAZ	866	274
MARICOPA	132,235	65,232
MOHAVE	16,911	4,717
NAVAJO	9,610	4,796
PIMA	35,389	21,093
PINAL	8,084	5,824
SANTA CRUZ	1,114	834
YAVAPAI	11,755	8,679
YUMA	8,785	4,043
TOTAL	255,395	135,261

## APPENDIX B

### Number of Anglers and Hunters by Category and by County

# APACHE COUNTY – ANGLERS AND HUNTERS EXPENDITURES

	SPENDING				
	FISHING	SMALL GAME HUNTING	BIG GAME HUNTING	TOTAL HUNTING	TOTAL ALL
<u>TRIP EXPENDITURES :</u>					
FOOD	\$8,747,759	\$175,955	\$202,759	\$378,715	\$9,126,474
LODGING	\$8,947,642	\$83,815	\$193,663	\$277,478	\$9,225,120
GAS	\$7,613,950	\$184,262	\$270,934	\$455,196	\$8,069,146
EQUIPMENT RENTAL	\$2,869,401	\$24,885	\$78,808	\$103,694	\$2,973,095
BOAT FUEL AND LAUNCHING	\$2,811,411				\$2,811,411
BAIT	\$3,244,741				\$3,244,741
SHOPPING	\$2,374,521	\$25,337	\$25,512	\$50,849	\$2,425,370
FIRST AID	\$355,276	\$8,874	\$11,176	\$20,050	\$375,327
HUNTING AMMUNITION		\$102,003	\$174,437	\$276,439	\$276,439
HEATING AND COOKING FUEL		\$16,471	\$53,941	\$70,411	\$70,411
GUIDE FEES, PACKAGE FEES, ACCESS FEES		\$17,308	\$22,543	\$39,851	\$39,851
TOTAL TRIP EXPENDITURES	\$36,964,703	\$638,909	\$1,033,773	\$1,672,682	\$38,637,385
<u>EQUIPMENT EXPENDITURES :</u>					
RODS, REELS, POLES, LINES & LEADERS	\$187,964				\$187,964
ARTIFICIAL LURES, FLIES & BAIT	\$163,504				\$163,504
HOOKS, SINKERS, OR SWIVELS	\$94,549				\$94,549
TACKLE BOX	\$35,601				\$35,601
CREELS, STRINGERS, FISH BAGS	\$22,236				\$22,236
DEPTH FINDERS, FISH FINDERS, OTHER	\$55,613				\$55,613
ELECTRONIC DEVICES					
CLUB/ASSOCIATION DUES	\$6,671				\$6,671
CAMPING EQUIPMENT	\$392,628			\$45,087	\$437,715
CLOTHING (WEATHER GEAR, BOOTS, ETC.)	\$174,622			\$77,292	\$251,914
MOTOR BOAT MAINTENANCE & INSURANCE	\$171,287				\$171,287
CANOE OR NON-MOTOR BOAT PURCHASE	\$105,667				\$105,667
CANOE MAINTENANCE & INSURANCE	\$0				\$0
GUNS & RIFLES, ARCHERY EQUIPMENT, SIGHTS, DECOYS, ETC				\$644,100	\$644,100
PROCESSING AND TAXIDERMY				\$64,410	\$64,410
MOTOR BOAT PURCHASE	\$12,407				\$12,407
BOAT MOTOR, TRAILER HITCH OR OTHER BOAT ACCESSORIES	\$2,428				\$2,428
PICK-UP, CAMPER, OR OTHER VEHICLE PURCHASED & USED	\$12,636				\$12,636
CABIN PURCHASE	\$21,838,878				\$21,838,878
TOTAL EQUIPMENT EXPENDITURES	\$23,276,691			\$830,889	\$24,107,580
TOTAL EXPENDITURES	\$60,241,394			\$2,503,571	\$62,744,965

# COCHISE COUNTY – ANGLERS AND HUNTERS EXPENDITURES

	SPENDING				
	FISHING	SMALL GAME HUNTING	BIG GAME HUNTING	TOTAL HUNTING	TOTAL ALL
<u>TRIP EXPENDITURES :</u>					
FOOD	\$866,185	\$669,055	\$457,917	\$1,126,972	\$1,993,157
LODGING	\$445,207	\$409,494	\$390,242	\$799,735	\$1,244,942
GAS	\$820,625	\$772,579	\$624,634	\$1,397,213	\$2,217,838
EQUIPMENT RENTAL	\$268,585	\$54,849	\$149,740	\$204,589	\$473,174
BOAT FUEL AND LAUNCHING	\$216,146				\$216,146
BAIT	\$394,870				\$394,870
SHOPPING	\$149,999	\$122,397	\$64,023	\$186,420	\$336,419
FIRST AID	\$135,593	\$72,829	\$33,895	\$106,724	\$242,317
HUNTING AMMUNITION		\$385,270	\$415,806	\$801,076	\$801,076
HEATING AND COOKING FUEL		\$51,628	\$116,340	\$167,968	\$167,968
GUIDE FEES, PACKAGE FEES, ACCESS FEES		\$86,148	\$56,156	\$142,304	\$142,304
TOTAL TRIP EXPENDITURES	\$3,297,210	\$2,624,248	\$2,308,753	\$4,933,001	\$8,230,211
<u>EQUIPMENT EXPENDITURES :</u>					
RODS, REELS, POLES, LINES & LEADERS	\$420,142				\$420,142
ARTIFICIAL LURES, FLIES & BAIT	\$269,182				\$269,182
HOOKS, SINKERS, OR SWIVELS	\$171,001				\$171,001
TACKLE BOX	\$66,506				\$66,506
CREELS, STRINGERS, FISH BAGS	\$37,988				\$37,988
DEPTH FINDERS, FISH FINDERS, OTHER	\$72,855				\$72,855
ELECTRONIC DEVICES					
CLUB/ASSOCIATION DUES	\$23,233				\$23,233
CAMPING EQUIPMENT	\$353,636			\$51,555	\$405,191
CLOTHING (WEATHER GEAR, BOOTS, ETC.)	\$137,233			\$88,380	\$225,613
MOTOR BOAT MAINTENANCE & INSURANCE	\$665,063				\$665,063
CANOE OR NON-MOTOR BOAT PURCHASE	\$8,442				\$8,442
CANOE MAINTENANCE & INSURANCE	\$4,221				\$4,221
GUNS & RIFLES, ARCHERY EQUIPMENT, SIGHTS, DECOYS, ETC				\$736,500	\$736,500
PROCESSING AND TAXIDERMY				\$73,650	\$73,650
MOTOR BOAT PURCHASE	\$17,632				\$17,632
BOAT MOTOR, TRAILER HITCH OR OTHER BOAT ACCESSORIES	\$3,795				\$3,795
PICK-UP, CAMPER, OR OTHER VEHICLE PURCHASED & USED	\$39,521				\$39,521
CABIN PURCHASE	\$1,157,322				\$1,157,322
TOTAL EQUIPMENT EXPENDITURES	\$3,447,773			\$950,085	\$4,397,858
TOTAL EXPENDITURES	\$6,744,983			\$5,883,086	\$12,628,069

**COCONINO COUNTY – ANGLERS AND HUNTERS EXPENDITURES**

	SPENDING				
	FISHING	SMALL GAME HUNTING	BIG GAME HUNTING	TOTAL HUNTING	TOTAL ALL
<u>TRIP EXPENDITURES :</u>					
FOOD	\$14,217,729	\$585,271	\$1,277,034	\$1,862,305	\$16,080,034
LODGING	\$11,376,470	\$212,595	\$1,292,122	\$1,504,717	\$12,881,187
GAS	\$13,369,421	\$679,723	\$1,693,824	\$2,373,548	\$15,742,969
EQUIPMENT RENTAL	\$3,820,438	\$67,050	\$486,643	\$553,693	\$4,374,131
BOAT FUEL AND LAUNCHING	\$5,471,985				\$5,471,985
BAIT	\$5,584,080				\$5,584,080
SHOPPING	\$3,227,955	\$76,260	\$178,327	\$254,587	\$3,482,542
FIRST AID	\$910,296	\$46,587	\$62,660	\$109,246	\$1,019,542
HUNTING AMMUNITION		\$413,425	\$1,142,321	\$1,555,746	\$1,555,746
HEATING AND COOKING FUEL		\$56,593	\$335,599	\$392,193	\$392,193
GUIDE FEES, PACKAGE FEES, ACCESS FEES		\$42,681	\$161,380	\$204,061	\$204,061
TOTAL TRIP EXPENDITURES	\$57,978,374	\$2,180,184	\$6,629,911	\$8,810,095	\$66,788,469
<u>EQUIPMENT EXPENDITURES :</u>					
RODS, REELS, POLES, LINES & LEADERS	\$2,526,675				\$2,526,675
ARTIFICIAL LURES, FLIES & BAIT	\$1,721,321				\$1,721,321
HOOKS, SINKERS, OR SWIVELS	\$808,494				\$808,494
TACKLE BOX	\$347,893				\$347,893
CREELS, STRINGERS, FISH BAGS	\$213,900				\$213,900
DEPTH FINDERS, FISH FINDERS, OTHER ELECTRONIC DEVICES	\$1,022,394				\$1,022,394
CLUB/ASSOCIATION DUES	\$220,181				\$220,181
CAMPING EQUIPMENT	\$2,401,580			\$171,003	\$2,572,583
CLOTHING (WEATHER GEAR, BOOTS, ETC.)	\$1,375,870			\$293,148	\$1,669,018
MOTOR BOAT MAINTENANCE & INSURANCE	\$3,264,508				\$3,264,508
CANOE OR NON-MOTOR BOAT PURCHASE	\$638,037				\$638,037
CANOE MAINTENANCE & INSURANCE	\$92,469				\$92,469
GUNS & RIFLES, ARCHERY EQUIPMENT, SIGHTS, DECOYS, ETC				\$2,442,900	\$2,442,900
PROCESSING AND TAXIDERMY				\$244,290	\$244,290
MOTOR BOAT PURCHASE	\$844,073				\$844,073
BOAT MOTOR, TRAILER HITCH OR OTHER BOAT ACCESSORIES	\$154,982				\$154,982
PICK-UP, CAMPER, OR OTHER VEHICLE PURCHASED & USED	\$809,064				\$809,064
CABIN PURCHASE	\$14,756,762				\$14,756,762
TOTAL EQUIPMENT EXPENDITURES	\$31,198,203			\$3,151,341	\$34,349,544
TOTAL EXPENDITURES	\$89,176,577			\$11,961,436	\$101,138,013



# GILA COUNTY - ANGLERS AND HUNTERS EXPENDITURES

	SPENDING				
	FISHING	SMALL GAME HUNTING	BIG GAME HUNTING	TOTAL HUNTING	TOTAL ALL
<u>TRIP EXPENDITURES :</u>					
FOOD	\$6,098,935	\$565,190	\$307,183	\$872,373	\$6,971,308
LODGING	\$5,501,820	\$277,057	\$249,700	\$526,757	\$6,028,577
GAS	\$5,432,340	\$624,089	\$426,215	\$1,050,304	\$6,482,644
EQUIPMENT RENTAL	\$1,896,386	\$67,841	\$109,041	\$176,882	\$2,073,268
BOAT FUEL AND LAUNCHING	\$2,069,211				\$2,069,211
BAIT	\$2,354,934				\$2,354,934
SHOPPING	\$1,596,196	\$86,589	\$37,999	\$124,588	\$1,720,784
FIRST AID	\$452,426	\$39,116	\$20,452	\$59,568	\$511,994
HUNTING AMMUNITION		\$352,284	\$288,327	\$640,612	\$640,612
HEATING AND COOKING FUEL		\$51,178	\$82,346	\$133,524	\$133,524
GUIDE FEES, PACKAGE FEES, ACCESS FEES		\$57,284	\$30,887	\$88,171	\$88,171
TOTAL TRIP EXPENDITURES	\$25,402,248	\$2,120,628	\$1,552,152	\$3,672,780	\$29,075,028
<u>EQUIPMENT EXPENDITURES :</u>					
RODS, REELS, POLES, LINES & LEADERS	\$771,152				\$771,152
ARTIFICIAL LURES, FLIES & BAIT	\$572,331				\$572,331
HOOKS, SINKERS, OR SWIVELS	\$296,098				\$296,098
TACKLE BOX	\$103,594				\$103,594
CREELS, STRINGERS, FISH BAGS	\$81,623				\$81,623
DEPTH FINDERS, FISH FINDERS, OTHER	\$359,962				\$359,962
ELECTRONIC DEVICES					
CLUB/ASSOCIATION DUES	\$192,503				\$192,503
CAMPING EQUIPMENT	\$1,141,531			\$83,706	\$1,225,237
CLOTHING (WEATHER GEAR, BOOTS, ETC.)	\$423,712			\$143,496	\$567,208
MOTOR BOAT MAINTENANCE & INSURANCE	\$675,925				\$675,925
CANOE OR NON-MOTOR BOAT PURCHASE	\$76,387				\$76,387
CANOE MAINTENANCE & INSURANCE	\$15,824				\$15,824
GUNS & RIFLES, ARCHERY EQUIPMENT, SIGHTS, DECOYS, ETC				\$1,195,800	\$1,195,800
PROCESSING AND TAXIDERMY				\$119,580	\$119,580
MOTOR BOAT PURCHASE	\$78,455				\$78,455
BOAT MOTOR, TRAILER HITCH OR OTHER BOAT ACCESSORIES	\$21,519				\$21,519
PICK-UP, CAMPER, OR OTHER VEHICLE PURCHASED & USED	\$139,608				\$139,608
CABIN PURCHASE	\$3,857,741				\$3,857,741
TOTAL EQUIPMENT EXPENDITURES	\$8,807,966			\$1,542,582	\$10,350,548
TOTAL EXPENDITURES	\$34,210,214			\$5,215,362	\$39,425,576

# GRAHAM COUNTY – ANGLERS AND HUNTERS EXPENDITURES

	SPENDING				
	FISHING	SMALL GAME HUNTING	BIG GAME HUNTING	TOTAL HUNTING	TOTAL ALL
<u>TRIP EXPENDITURES :</u>					
FOOD	\$605,601	\$420,098	\$188,171	\$608,269	\$1,213,870
LODGING	\$491,338	\$273,676	\$151,223	\$424,899	\$916,237
GAS	\$554,909	\$496,286	\$260,384	\$756,671	\$1,311,580
EQUIPMENT RENTAL	\$176,752	\$26,088	\$66,051	\$92,140	\$268,892
BOAT FUEL AND LAUNCHING	\$241,501				\$241,501
BAIT	\$239,357				\$239,357
SHOPPING	\$145,429	\$80,489	\$23,057	\$103,546	\$248,975
FIRST AID	\$52,920	\$56,622	\$13,353	\$69,975	\$122,895
HUNTING AMMUNITION		\$225,064	\$171,934	\$396,998	\$396,998
HEATING AND COOKING FUEL		\$29,550	\$49,941	\$79,491	\$79,491
GUIDE FEES, PACKAGE FEES, ACCESS FEES		\$57,888	\$18,949	\$76,837	\$76,837
TOTAL TRIP EXPENDITURES	\$2,507,807	\$1,665,762	\$943,064	\$2,608,825	\$5,116,632
<u>EQUIPMENT EXPENDITURES :</u>					
RODS, REELS, POLES, LINES & LEADERS	\$81,277				\$81,277
ARTIFICIAL LURES, FLIES & BAIT	\$78,066				\$78,066
HOOKS, SINKERS, OR SWIVELS	\$51,328				\$51,328
TACKLE BOX	\$21,391				\$21,391
CREELS, STRINGERS, FISH BAGS	\$12,832				\$12,832
DEPTH FINDERS, FISH FINDERS, OTHER ELECTRONIC DEVICES	\$50,266				\$50,266
CLUB/ASSOCIATION DUES	\$0				\$0
CAMPING EQUIPMENT	\$162,555			\$41,496	\$204,051
CLOTHING (WEATHER GEAR, BOOTS, ETC.)	\$40,644			\$71,136	\$111,780
MOTOR BOAT MAINTENANCE & INSURANCE	\$67,371				\$67,371
CANOE OR NON-MOTOR BOAT PURCHASE	\$16,043				\$16,043
CANOE MAINTENANCE & INSURANCE	\$7,484				\$7,484
GUNS & RIFLES, ARCHERY EQUIPMENT, SIGHTS, DECOYS, ETC				\$592,800	\$592,800
PROCESSING AND TAXIDERMY				\$59,280	\$59,280
MOTOR BOAT PURCHASE	\$1,148				\$1,148
BOAT MOTOR, TRAILER HITCH OR OTHER BOAT ACCESSORIES	\$190				\$190
PICK-UP, CAMPER, OR OTHER VEHICLE PURCHASED & USED	\$5,146				\$5,146
CABIN PURCHASE	\$771,548				\$771,548
TOTAL EQUIPMENT EXPENDITURES	\$1,367,290			\$764,712	\$2,132,002
TOTAL EXPENDITURES	\$3,875,097			\$3,373,537	\$7,248,635

# GREENLEE COUNTY – ANGLERS AND HUNTERS EXPENDITURES

	SPENDING				
	FISHING	SMALL GAME HUNTING	BIG GAME HUNTING	TOTAL HUNTING	TOTAL ALL
<u>TRIP EXPENDITURES :</u>					
FOOD	\$124,463	\$70,133	\$238,826	\$308,959	\$433,422
LODGING	\$36,444	\$19,431	\$255,741	\$275,172	\$311,615
GAS	\$122,718	\$77,181	\$311,455	\$388,636	\$511,354
EQUIPMENT RENTAL	\$30,403	\$9,781	\$94,570	\$104,351	\$134,754
BOAT FUEL AND LAUNCHING	\$33,360				\$33,360
BAIT	\$48,438				\$48,438
SHOPPING	\$19,089	\$7,088	\$33,390	\$40,477	\$59,566
FIRST AID	\$24,785	\$4,926	\$10,660	\$15,585	\$40,370
HUNTING AMMUNITION		\$44,130	\$204,615	\$248,745	\$248,745
HEATING AND COOKING FUEL		\$7,114	\$62,544	\$69,658	\$69,658
GUIDE FEES, PACKAGE FEES, ACCESS FEES		\$3,794	\$31,117	\$34,911	\$34,911
TOTAL TRIP EXPENDITURES	\$439,699	\$243,577	\$1,242,917	\$1,486,493	\$1,926,192
<u>EQUIPMENT EXPENDITURES :</u>					
RODS, REELS, POLES, LINES & LEADERS	\$59,785				\$59,785
ARTIFICIAL LURES, FLIES & BAIT	\$30,922				\$30,922
HOOKS, SINKERS, OR SWIVELS	\$18,556				\$18,556
TACKLE BOX	\$10,307				\$10,307
CREELS, STRINGERS, FISH BAGS	\$4,122				\$4,122
DEPTH FINDERS, FISH FINDERS, OTHER	\$0				\$0
ELECTRONIC DEVICES	\$0				\$0
CLUB/ASSOCIATION DUES	\$0				\$0
CAMPING EQUIPMENT	\$64,936			\$22,302	\$87,238
CLOTHING (WEATHER GEAR, BOOTS, ETC.)	\$24,736			\$38,232	\$62,968
MOTOR BOAT MAINTENANCE & INSURANCE	\$26,800				\$26,800
CANOE OR NON-MOTOR BOAT PURCHASE	\$0				\$0
CANOE MAINTENANCE & INSURANCE	\$0				\$0
GUNS & RIFLES, ARCHERY EQUIPMENT, SIGHTS, DECOYS, ETC				\$318,600	\$318,600
PROCESSING AND TAXIDERMY				\$31,860	\$31,860
MOTOR BOAT PURCHASE	\$533				\$533
BOAT MOTOR, TRAILER HITCH OR OTHER BOAT ACCESSORIES	\$88				\$88
PICK-UP, CAMPER, OR OTHER VEHICLE PURCHASED & USED	\$1,492				\$1,492
CABIN PURCHASE	\$0				\$0
TOTAL EQUIPMENT EXPENDITURES	\$242,279			\$410,994	\$653,273
TOTAL EXPENDITURES	\$681,978			\$1,897,487	\$2,579,465

**LA PAZ COUNTY – ANGLERS AND HUNTERS EXPENDITURES**

	SPENDING				
	FISHING	SMALL GAME HUNTING	BIG GAME HUNTING	TOTAL HUNTING	TOTAL ALL
<u>TRIP EXPENDITURES :</u>					
FOOD	\$3,774,829	\$241,820	\$65,799	\$307,619	\$4,082,448
LODGING	\$3,589,423	\$204,005	\$58,765	\$262,770	\$3,852,193
GAS	\$3,283,715	\$278,505	\$86,679	\$365,184	\$3,648,900
EQUIPMENT RENTAL	\$1,269,547	\$10,386	\$18,981	\$29,367	\$1,298,914
BOAT FUEL AND LAUNCHING	\$1,368,828				\$1,368,828
BAIT	\$1,355,251				\$1,355,251
SHOPPING	\$1,062,991	\$55,222	\$10,209	\$65,431	\$1,128,422
FIRST AID	\$238,235	\$37,692	\$6,181	\$43,872	\$282,107
HUNTING AMMUNITION		\$95,168	\$51,621	\$146,788	\$146,788
HEATING AND COOKING FUEL		\$13,265	\$15,104	\$28,369	\$28,369
GUIDE FEES, PACKAGE FEES, ACCESS FEES		\$43,790	\$9,886	\$53,676	\$53,676
TOTAL TRIP EXPENDITURES	\$15,942,820	\$979,854	\$323,223	\$1,303,077	\$17,245,896
<u>EQUIPMENT EXPENDITURES :</u>					
RODS, REELS, POLES, LINES & LEADERS	\$62,889				\$62,889
ARTIFICIAL LURES, FLIES & BAIT	\$57,736				\$57,736
HOOKS, SINKERS, OR SWIVELS	\$40,208				\$40,208
TACKLE BOX	\$24,742				\$24,742
CREELS, STRINGERS, FISH BAGS	\$6,183				\$6,183
DEPTH FINDERS, FISH FINDERS, OTHER ELECTRONIC DEVICES	\$32,995				\$32,995
CLUB/ASSOCIATION DUES	\$19,589				\$19,589
CAMPING EQUIPMENT	\$40,208			\$5,754	\$45,962
CLOTHING (WEATHER GEAR, BOOTS, ETC.)	\$31,955			\$9,864	\$41,819
MOTOR BOAT MAINTENANCE & INSURANCE	\$138,144				\$138,144
CANOE OR NON-MOTOR BOAT PURCHASE	\$9,275				\$9,275
CANOE MAINTENANCE & INSURANCE	\$2,061				\$2,061
GUNS & RIFLES, ARCHERY EQUIPMENT, SIGHTS, DECOYS, ETC				\$82,200	\$82,200
PROCESSING AND TAXIDERMY				\$8,220	\$8,220
MOTOR BOAT PURCHASE	\$1,291				\$1,291
BOAT MOTOR, TRAILER HITCH OR OTHER BOAT ACCESSORIES	\$214				\$214
PICK-UP, CAMPER, OR OTHER VEHICLE PURCHASED & USED	\$965				\$965
CABIN PURCHASE	\$0				\$0
TOTAL EQUIPMENT EXPENDITURES	\$468,456			\$106,038	\$574,494
TOTAL EXPENDITURES	\$16,411,275			\$1,409,115	\$17,820,390

# MARICOPA COUNTY – ANGLERS AND HUNTERS EXPENDITURES

	SPENDING				
	FISHING	SMALL GAME HUNTING	BIG GAME HUNTING	TOTAL HUNTING	TOTAL ALL
<u>TRIP EXPENDITURES :</u>					
FOOD	\$33,382,208	\$2,930,969	\$1,418,685	\$4,349,653	\$37,731,862
LODGING	\$9,000,584	\$479,285	\$177,257	\$656,542	\$9,657,126
GAS	\$33,696,330	\$3,691,977	\$2,208,084	\$5,900,061	\$39,596,390
EQUIPMENT RENTAL	\$5,962,875	\$304,475	\$388,367	\$692,842	\$6,655,716
BOAT FUEL AND LAUNCHING	\$17,181,006				\$17,181,006
BAIT	\$16,165,007				\$16,165,007
SHOPPING	\$3,857,413	\$280,126	\$75,034	\$355,160	\$4,212,574
FIRST AID	\$5,105,993	\$282,941	\$206,751	\$489,692	\$5,595,685
HUNTING AMMUNITION		\$2,493,828	\$1,268,131	\$3,761,959	\$3,761,959
HEATING AND COOKING FUEL		\$312,096	\$390,081	\$702,177	\$702,177
GUIDE FEES, PACKAGE FEES, ACCESS FEES		\$82,512	\$8,760	\$91,272	\$91,272
TOTAL TRIP EXPENDITURES	\$124,351,415	\$10,858,209	\$6,141,149	\$16,999,358	\$141,350,773
<u>EQUIPMENT EXPENDITURES :</u>					
RODS, REELS, POLES, LINES & LEADERS	\$22,018,450				\$22,018,450
ARTIFICIAL LURES, FLIES & BAIT	\$13,481,358				\$13,481,358
HOOKS, SINKERS, OR SWIVELS	\$6,749,274				\$6,749,274
TACKLE BOX	\$2,938,262				\$2,938,262
CREELS, STRINGERS, FISH BAGS	\$1,778,561				\$1,778,561
DEPTH FINDERS, FISH FINDERS, OTHER	\$8,411,468				\$8,411,468
ELECTRONIC DEVICES	\$2,062,866				\$2,062,866
CLUB/ASSOCIATION DUES	\$20,793,954			\$1,369,872	\$22,163,826
CAMPING EQUIPMENT	\$10,426,730			\$2,348,352	\$12,775,082
CLOTHING (WEATHER GEAR, BOOTS, ETC.)	\$26,867,507				\$26,867,507
MOTOR BOAT MAINTENANCE & INSURANCE	\$4,330,696				\$4,330,696
CANOE OR NON-MOTOR BOAT PURCHASE	\$493,237				\$493,237
CANOE MAINTENANCE & INSURANCE				\$19,569,600	\$19,569,600
GUNS & RIFLES, ARCHERY EQUIPMENT, SIGHTS, DECOYS, ETC				\$1,956,960	\$1,956,960
PROCESSING AND TAXIDERMY	\$47,697,336				\$47,697,336
MOTOR BOAT PURCHASE	\$8,801,440				\$8,801,440
BOAT MOTOR, TRAILER HITCH OR OTHER BOAT ACCESSORIES	\$59,794,640				\$59,794,640
PICK-UP, CAMPER, OR OTHER VEHICLE PURCHASED & USED	\$5,789,132				\$5,789,132
CABIN PURCHASE	\$242,434,911			\$25,244,784	\$267,679,695
TOTAL EQUIPMENT EXPENDITURES	\$366,786,326			\$42,244,142	\$409,030,468
TOTAL EXPENDITURES					

# MOHAVE COUNTY – ANGLERS AND HUNTERS EXPENDITURES

	SPENDING				
	FISHING	SMALL GAME HUNTING	BIG GAME HUNTING	TOTAL HUNTING	TOTAL ALL
<u>TRIP EXPENDITURES :</u>					
FOOD	\$12,362,610	\$732,551	\$154,296	\$886,847	\$13,249,457
LODGING	\$6,512,813	\$398,232	\$68,084	\$466,316	\$6,979,129
GAS	\$13,003,299	\$900,778	\$229,962	\$1,130,740	\$14,134,039
EQUIPMENT RENTAL	\$2,978,494	\$46,937	\$41,016	\$87,954	\$3,066,448
BOAT FUEL AND LAUNCHING	\$12,020,409				\$12,020,409
BAIT	\$5,830,209				\$5,830,209
SHOPPING	\$3,197,105	\$128,539	\$17,035	\$145,574	\$3,342,679
FIRST AID	\$1,409,509	\$93,327	\$17,186	\$110,513	\$1,520,022
HUNTING AMMUNITION		\$483,855	\$155,173	\$639,028	\$639,028
HEATING AND COOKING FUEL		\$57,882	\$40,572	\$98,454	\$98,454
GUIDE FEES, PACKAGE FEES, ACCESS FEES		\$83,028	\$11,270	\$94,297	\$94,297
TOTAL TRIP EXPENDITURES	\$57,314,447	\$2,925,130	\$734,593	\$3,659,723	\$60,974,170
<u>EQUIPMENT EXPENDITURES :</u>					
RODS, REELS, POLES, LINES & LEADERS	\$2,187,776				\$2,187,776
ARTIFICIAL LURES, FLIES & BAIT	\$1,525,203				\$1,525,203
HOOKS, SINKERS, OR SWIVELS	\$819,845				\$819,845
TACKLE BOX	\$406,710				\$406,710
CREELS, STRINGERS, FISH BAGS	\$199,042				\$199,042
DEPTH FINDERS, FISH FINDERS, OTHER ELECTRONIC DEVICES	\$1,382,812				\$1,382,812
CLUB/ASSOCIATION DUES	\$231,173				\$231,173
CAMPING EQUIPMENT	\$2,155,645			\$99,057	\$2,254,702
CLOTHING (WEATHER GEAR, BOOTS, ETC.)	\$883,092			\$169,812	\$1,052,904
MOTOR BOAT MAINTENANCE & INSURANCE	\$4,524,200				\$4,524,200
CANOE OR NON-MOTOR BOAT PURCHASE	\$503,102				\$503,102
CANOE MAINTENANCE & INSURANCE	\$53,439				\$53,439
GUNS & RIFLES, ARCHERY EQUIPMENT, SIGHTS, DECOYS, ETC				\$1,415,100	\$1,415,100
PROCESSING AND TAXIDERMY				\$141,510	\$141,510
MOTOR BOAT PURCHASE	\$1,032,516				\$1,032,516
BOAT MOTOR, TRAILER HITCH OR OTHER BOAT ACCESSORIES	\$113,966				\$113,966
PICK-UP, CAMPER, OR OTHER VEHICLE PURCHASED & USED	\$928,159				\$928,159
CABIN PURCHASE	\$255,379				\$255,379
TOTAL EQUIPMENT EXPENDITURES	\$17,202,060			\$1,825,479	\$19,027,539
TOTAL EXPENDITURES	\$74,516,507			\$5,485,202	\$80,001,709

# NAHAVO COUNTY – ANGLERS AND HUNTERS EXPENDITURES

	SPENDING				
	FISHING	SMALL GAME HUNTING	BIG GAME HUNTING	TOTAL HUNTING	TOTAL ALL
<u>TRIP EXPENDITURES :</u>					
FOOD	\$3,996,278	\$312,671	\$282,702	\$595,374	\$4,591,652
LODGING	\$2,162,323	\$35,211	\$174,460	\$209,671	\$2,371,994
GAS	\$3,830,741	\$380,868	\$406,227	\$787,095	\$4,617,836
EQUIPMENT RENTAL	\$1,062,321	\$35,599	\$95,387	\$130,986	\$1,193,308
BOAT FUEL AND LAUNCHING	\$1,203,323				\$1,203,323
BAIT	\$1,891,754				\$1,891,754
SHOPPING	\$722,013	\$23,226	\$28,621	\$51,847	\$773,860
FIRST AID	\$621,454	\$33,060	\$24,744	\$57,804	\$679,259
HUNTING AMMUNITION		\$232,934	\$262,124	\$495,058	\$495,058
HEATING AND COOKING FUEL		\$33,134	\$76,904	\$110,037	\$110,037
GUIDE FEES, PACKAGE FEES, ACCESS FEES		\$5,427	\$20,028	\$25,455	\$25,455
TOTAL TRIP EXPENDITURES	\$15,490,208	\$1,092,131	\$1,371,197	\$2,463,328	\$17,953,536
<u>EQUIPMENT EXPENDITURES :</u>					
RODS, REELS, POLES, LINES & LEADERS	\$1,345,208				\$1,345,208
ARTIFICIAL LURES, FLIES & BAIT	\$892,192				\$892,192
HOOKS, SINKERS, OR SWIVELS	\$426,492				\$426,492
TACKLE BOX	\$189,413				\$189,413
CREELS, STRINGERS, FISH BAGS	\$136,558				\$136,558
DEPTH FINDERS, FISH FINDERS, OTHER	\$461,472				\$461,472
ELECTRONIC DEVICES	\$60,351				\$60,351
CLUB/ASSOCIATION DUES	\$1,307,056			\$100,716	\$1,407,772
CAMPING EQUIPMENT	\$672,027			\$172,656	\$844,683
CLOTHING (WEATHER GEAR, BOOTS, ETC.)	\$1,034,036				\$1,034,036
MOTOR BOAT MAINTENANCE & INSURANCE	\$291,087				\$291,087
CANOE OR NON-MOTOR BOAT PURCHASE	\$30,656				\$30,656
CANOE MAINTENANCE & INSURANCE					
GUNS & RIFLES, ARCHERY EQUIPMENT, SIGHTS, DECOYS, ETC				\$1,438,800	\$1,438,800
PROCESSING AND TAXIDERMY				\$143,880	\$143,880
MOTOR BOAT PURCHASE	\$132,030				\$132,030
BOAT MOTOR, TRAILER HITCH OR OTHER BOAT ACCESSORIES	\$17,827				\$17,827
PICK-UP, CAMPER, OR OTHER VEHICLE PURCHASED & USED	\$312,616				\$312,616
CABIN PURCHASE	\$6,172,386				\$6,172,386
TOTAL EQUIPMENT EXPENDITURES	\$13,481,408			\$1,856,052	\$15,337,460
TOTAL EXPENDITURES	\$28,971,616			\$4,319,380	\$33,290,996



# PIMA COUNTY – ANGLERS AND HUNTERS EXPENDITURES

	SPENDING				
	FISHING	SMALL GAME HUNTING	BIG GAME HUNTING	TOTAL HUNTING	TOTAL ALL
<u>TRIP EXPENDITURES :</u>					
FOOD	\$6,514,855	\$1,481,779	\$779,652	\$2,261,431	\$8,776,286
LODGING	\$809,863	\$525,111	\$368,038	\$893,148	\$1,703,011
GAS	\$7,360,860	\$1,830,791	\$1,165,198	\$2,995,989	\$10,356,849
EQUIPMENT RENTAL	\$1,199,310	\$122,426	\$233,600	\$356,026	\$1,555,336
BOAT FUEL AND LAUNCHING	\$1,675,616				\$1,675,616
BAIT	\$3,054,703				\$3,054,703
SHOPPING	\$676,565	\$196,275	\$79,637	\$275,912	\$952,477
FIRST AID	\$1,410,927	\$177,967	\$75,837	\$253,804	\$1,664,731
HUNTING AMMUNITION		\$1,053,375	\$805,907	\$1,859,282	\$1,859,282
HEATING AND COOKING FUEL		\$134,397	\$214,314	\$348,711	\$348,711
GUIDE FEES, PACKAGE FEES, ACCESS FEES		\$105,434	\$48,202	\$153,635	\$153,635
TOTAL TRIP EXPENDITURES	\$22,702,699	\$5,627,554	\$3,770,384	\$9,397,938	\$32,100,638
<u>EQUIPMENT EXPENDITURES :</u>					
RODS, REELS, POLES, LINES & LEADERS	\$4,728,324				\$4,728,324
ARTIFICIAL LURES, FLIES & BAIT	\$2,867,217				\$2,867,217
HOOKS, SINKERS, OR SWIVELS	\$1,575,518				\$1,575,518
TACKLE BOX	\$584,272				\$584,272
CREELS, STRINGERS, FISH BAGS	\$429,269				\$429,269
DEPTH FINDERS, FISH FINDERS, OTHER ELECTRONIC DEVICES	\$1,529,159				\$1,529,159
CLUB/ASSOCIATION DUES	\$282,050				\$282,050
CAMPING EQUIPMENT	\$4,468,923			\$442,953	\$4,911,876
CLOTHING (WEATHER GEAR, BOOTS, ETC.)	\$2,525,359			\$759,348	\$3,284,707
MOTOR BOAT MAINTENANCE & INSURANCE	\$4,675,595				\$4,675,595
CANOE OR NON-MOTOR BOAT PURCHASE	\$887,910				\$887,910
CANOE MAINTENANCE & INSURANCE	\$90,950				\$90,950
GUNS & RIFLES, ARCHERY EQUIPMENT, SIGHTS, DECOYS, ETC				\$6,327,900	\$6,327,900
PROCESSING AND TAXIDERMY				\$632,790	\$632,790
MOTOR BOAT PURCHASE	\$1,680,735				\$1,680,735
BOAT MOTOR, TRAILER HITCH OR OTHER BOAT ACCESSORIES	\$551,228				\$551,228
PICK-UP, CAMPER, OR OTHER VEHICLE PURCHASED & USED	\$5,017,091				\$5,017,091
CABIN PURCHASE	\$12,344,773				\$12,344,773
TOTAL EQUIPMENT EXPENDITURES	\$44,238,373			\$8,162,991	\$52,401,364
TOTAL EXPENDITURES	\$66,941,072			\$17,560,929	\$84,502,002

# PINAL COUNTY – ANGLERS AND HUNTERS EXPENDITURES

	SPENDING				
	FISHING	SMALL GAME HUNTING	BIG GAME HUNTING	TOTAL HUNTING	TOTAL ALL
<u>TRIP EXPENDITURES :</u>					
FOOD	\$2,005,421	\$926,707	\$224,825	\$1,151,532	\$3,156,953
LODGING	\$460,622	\$433,328	\$125,836	\$559,165	\$1,019,786
GAS	\$2,004,977	\$1,007,831	\$324,045	\$1,331,876	\$3,336,853
EQUIPMENT RENTAL	\$433,715	\$118,839	\$71,322	\$190,161	\$623,876
BOAT FUEL AND LAUNCHING	\$496,549				\$496,549
BAIT	\$800,523				\$800,523
SHOPPING	\$243,940	\$135,482	\$22,303	\$157,785	\$401,725
FIRST AID	\$423,783	\$58,376	\$22,702	\$81,078	\$504,861
HUNTING AMMUNITION		\$569,395	\$200,475	\$769,870	\$769,870
HEATING AND COOKING FUEL		\$85,789	\$59,732	\$145,522	\$145,522
GUIDE FEES, PACKAGE FEES, ACCESS FEES		\$89,288	\$15,689	\$104,977	\$104,977
TOTAL TRIP EXPENDITURES	\$6,869,529	\$3,425,035	\$1,066,929	\$4,491,965	\$11,361,494
<u>EQUIPMENT EXPENDITURES :</u>					
RODS, REELS, POLES, LINES & LEADERS	\$1,049,465				\$1,049,465
ARTIFICIAL LURES, FLIES & BAIT	\$692,475				\$692,475
HOOKS, SINKERS, OR SWIVELS	\$385,768				\$385,768
TACKLE BOX	\$130,314				\$130,314
CREELS, STRINGERS, FISH BAGS	\$106,709				\$106,709
DEPTH FINDERS, FISH FINDERS, OTHER ELECTRONIC DEVICES	\$399,107				\$399,107
CLUB/ASSOCIATION DUES	\$48,181				\$48,181
CAMPING EQUIPMENT	\$1,172,584			\$122,304	\$1,294,888
CLOTHING (WEATHER GEAR, BOOTS, ETC.)	\$632,977			\$209,664	\$842,641
MOTOR BOAT MAINTENANCE & INSURANCE	\$1,003,305				\$1,003,305
CANOE OR NON-MOTOR BOAT PURCHASE	\$116,975				\$116,975
CANOE MAINTENANCE & INSURANCE	\$12,288				\$12,288
GUNS & RIFLES, ARCHERY EQUIPMENT, SIGHTS, DECOYS, ETC				\$1,747,200	\$1,747,200
PROCESSING AND TAXIDERMY				\$174,720	\$174,720
MOTOR BOAT PURCHASE	\$142,981				\$142,981
BOAT MOTOR, TRAILER HITCH OR OTHER BOAT ACCESSORIES	\$13,952				\$13,952
PICK-UP, CAMPER, OR OTHER VEHICLE PURCHASED & USED	\$338,342				\$338,342
CABIN PURCHASE	\$0				\$0
TOTAL EQUIPMENT EXPENDITURES	\$6,245,424			\$2,253,888	\$8,499,312
TOTAL EXPENDITURES	\$13,114,953			\$6,745,853	\$19,860,806

# SANTA CRUZ COUNTY – ANGLERS AND HUNTERS EXPENDITURES

	SPENDING				
	FISHING	SMALL GAME HUNTING	BIG GAME HUNTING	TOTAL HUNTING	TOTAL ALL
<u>TRIP EXPENDITURES :</u>					
FOOD	\$1,519,386	\$387,436	\$171,588	\$559,024	\$2,078,410
LODGING	\$1,478,978	\$262,559	\$172,820	\$435,379	\$1,914,357
GAS	\$1,323,067	\$440,988	\$225,703	\$666,691	\$1,989,758
EQUIPMENT RENTAL	\$474,895	\$28,403	\$64,622	\$93,025	\$567,920
BOAT FUEL AND LAUNCHING	\$538,252				\$538,252
BAIT	\$561,007				\$561,007
SHOPPING	\$394,102	\$74,615	\$23,647	\$98,262	\$492,363
FIRST AID	\$86,663	\$48,346	\$9,609	\$57,956	\$144,619
HUNTING AMMUNITION		\$188,179	\$144,724	\$332,903	\$332,903
HEATING AND COOKING FUEL		\$27,052	\$44,232	\$71,285	\$71,285
GUIDE FEES, PACKAGE FEES, ACCESS FEES		\$55,700	\$21,900	\$77,600	\$77,600
TOTAL TRIP EXPENDITURES	\$6,376,350	\$1,513,278	\$878,845	\$2,392,123	\$8,768,473
<u>EQUIPMENT EXPENDITURES :</u>					
RODS, REELS, POLES, LINES & LEADERS	\$197,089				\$197,089
ARTIFICIAL LURES, FLIES & BAIT	\$95,336				\$95,336
HOOKS, SINKERS, OR SWIVELS	\$47,133				\$47,133
TACKLE BOX	\$21,422				\$21,422
CREELS, STRINGERS, FISH BAGS	\$10,717				\$10,717
DEPTH FINDERS, FISH FINDERS, OTHER	\$48,203				\$48,203
ELECTRONIC DEVICES					
CLUB/ASSOCIATION DUES	\$6,428				\$6,428
CAMPING EQUIPMENT	\$249,581			\$17,514	\$267,095
CLOTHING (WEATHER GEAR, BOOTS, ETC.)	\$110,331			\$30,024	\$140,355
MOTOR BOAT MAINTENANCE & INSURANCE	\$88,908				\$88,908
CANOE OR NON-MOTOR BOAT PURCHASE	\$25,711				\$25,711
CANOE MAINTENANCE & INSURANCE	\$0				\$0
GUNS & RIFLES, ARCHERY EQUIPMENT, SIGHTS, DECOYS, ETC				\$250,200	\$250,200
PROCESSING AND TAXIDERMY				\$25,020	\$25,020
MOTOR BOAT PURCHASE	\$2,769				\$2,769
BOAT MOTOR, TRAILER HITCH OR OTHER BOAT ACCESSORIES	\$458				\$458
PICK-UP, CAMPER, OR OTHER VEHICLE PURCHASED & USED	\$8,065				\$8,065
CABIN PURCHASE	\$3,857,741				\$3,857,741
TOTAL EQUIPMENT EXPENDITURES	\$4,769,892			\$322,758	\$5,092,650
TOTAL EXPENDITURES	\$11,146,242			\$2,714,881	\$13,861,123

# YAVAPAI COUNTY – ANGLERS AND HUNTERS EXPENDITURES

	SPENDING				
	FISHING	SMALL GAME HUNTING	BIG GAME HUNTING	TOTAL HUNTING	TOTAL ALL
<u>TRIP EXPENDITURES :</u>					
FOOD	\$4,858,371	\$699,088	\$732,587	\$1,431,675	\$6,290,047
LODGING	\$2,934,052	\$290,426	\$578,184	\$868,609	\$3,802,662
GAS	\$4,438,134	\$790,037	\$1,019,213	\$1,809,250	\$6,247,383
EQUIPMENT RENTAL	\$1,211,981	\$83,976	\$251,853	\$335,830	\$1,547,811
BOAT FUEL AND LAUNCHING	\$1,215,398				\$1,215,398
BAIT	\$2,312,511				\$2,312,511
SHOPPING	\$900,549	\$97,313	\$91,407	\$188,721	\$1,089,269
FIRST AID	\$2,003,874	\$49,902	\$52,507	\$102,408	\$2,106,283
HUNTING AMMUNITION		\$468,945	\$685,126	\$1,154,070	\$1,154,070
HEATING AND COOKING FUEL		\$66,261	\$194,349	\$260,610	\$260,610
GUIDE FEES, PACKAGE FEES, ACCESS FEES		\$59,141	\$74,444	\$133,585	\$133,585
TOTAL TRIP EXPENDITURES	\$19,874,871	\$2,605,089	\$3,679,668	\$6,284,757	\$26,159,628
<u>EQUIPMENT EXPENDITURES :</u>					
RODS, REELS, POLES, LINES & LEADERS	\$1,383,446				\$1,383,446
ARTIFICIAL LURES, FLIES & BAIT	\$955,917				\$955,917
HOOKS, SINKERS, OR SWIVELS	\$537,909				\$537,909
TACKLE BOX	\$273,774				\$273,774
CREELS, STRINGERS, FISH BAGS	\$180,322				\$180,322
DEPTH FINDERS, FISH FINDERS, OTHER ELECTRONIC DEVICES	\$344,774				\$344,774
CLUB/ASSOCIATION DUES	\$90,161				\$90,161
CAMPING EQUIPMENT	\$1,866,106			\$182,259	\$2,048,365
CLOTHING (WEATHER GEAR, BOOTS, ETC.)	\$725,636			\$312,444	\$1,038,080
MOTOR BOAT MAINTENANCE & INSURANCE	\$2,006,226				\$2,006,226
CANOE OR NON-MOTOR BOAT PURCHASE	\$173,974				\$173,974
CANOE MAINTENANCE & INSURANCE	\$43,494				\$43,494
GUNS & RIFLES, ARCHERY EQUIPMENT, SIGHTS, DECOYS, ETC				\$2,603,700	\$2,603,700
PROCESSING AND TAXIDERMY				\$260,370	\$260,370
MOTOR BOAT PURCHASE	\$169,894				\$169,894
BOAT MOTOR, TRAILER HITCH OR OTHER BOAT ACCESSORIES	\$66,466				\$66,466
PICK-UP, CAMPER, OR OTHER VEHICLE PURCHASED & USED	\$389,807				\$389,807
CABIN PURCHASE	\$1,157,322				\$1,157,322
TOTAL EQUIPMENT EXPENDITURES	\$10,365,228			\$3,358,773	\$13,724,001
TOTAL EXPENDITURES	\$30,240,099			\$9,643,530	\$39,883,629

# YUMA COUNTY - ANGLERS AND HUNTERS EXPENDITURES

	SPENDING				
	FISHING	SMALL GAME HUNTING	BIG GAME HUNTING	TOTAL HUNTING	TOTAL ALL
<u>TRIP EXPENDITURES :</u>					
FOOD	\$4,279,677	\$908,626	\$100,036	\$1,008,662	\$5,288,339
LODGING	\$2,309,491	\$529,692	\$32,430	\$562,122	\$2,871,613
GAS	\$5,967,167	\$1,113,992	\$152,257	\$1,266,250	\$7,233,417
EQUIPMENT RENTAL	\$1,315,378	\$53,244	\$28,317	\$81,562	\$1,396,940
BOAT FUEL AND LAUNCHING	\$2,263,781				\$2,263,781
BAIT	\$2,223,208				\$2,223,208
SHOPPING	\$1,099,831	\$166,179	\$8,416	\$174,595	\$1,274,426
FIRST AID	\$1,009,986	\$121,962	\$11,834	\$133,797	\$1,143,783
HUNTING AMMUNITION		\$570,212	\$98,434	\$668,646	\$668,646
HEATING AND COOKING FUEL		\$68,492	\$27,384	\$95,876	\$95,876
GUIDE FEES, PACKAGE FEES, ACCESS FEES		\$111,062	\$4,100	\$115,162	\$115,162
TOTAL TRIP EXPENDITURES	\$20,468,520	\$3,643,462	\$463,209	\$4,106,671	\$24,575,191
<u>EQUIPMENT EXPENDITURES :</u>					
RODS, REELS, POLES, LINES & LEADERS	\$1,261,790				\$1,261,790
ARTIFICIAL LURES, FLIES & BAIT	\$900,287				\$900,287
HOOKS, SINKERS, OR SWIVELS	\$406,131				\$406,131
TACKLE BOX	\$175,085				\$175,085
CREELS, STRINGERS, FISH BAGS	\$83,282				\$83,282
DEPTH FINDERS, FISH FINDERS, OTHER ELECTRONIC DEVICES	\$471,403				\$471,403
CLUB/ASSOCIATION DUES	\$155,407				\$155,407
CAMPING EQUIPMENT	\$1,124,129			\$84,903	\$1,209,032
CLOTHING (WEATHER GEAR, BOOTS, ETC.)	\$407,097			\$145,548	\$552,645
MOTOR BOAT MAINTENANCE & INSURANCE	\$1,528,063				\$1,528,063
CANOE OR NON-MOTOR BOAT PURCHASE	\$73,530				\$73,530
CANOE MAINTENANCE & INSURANCE	\$6,237				\$6,237
GUNS & RIFLES, ARCHERY EQUIPMENT, SIGHTS, DECOYS, ETC				\$1,212,900	\$1,212,900
PROCESSING AND TAXIDERMY				\$121,290	\$121,290
MOTOR BOAT PURCHASE	\$252,110				\$252,110
BOAT MOTOR, TRAILER HITCH OR OTHER BOAT ACCESSORIES	\$78,739				\$78,739
PICK-UP, CAMPER, OR OTHER VEHICLE PURCHASED & USED	\$271,805				\$271,805
CABIN PURCHASE	\$771,548				\$771,548
TOTAL EQUIPMENT EXPENDITURES	\$7,966,641			\$1,564,641	\$9,531,282
TOTAL EXPENDITURES	\$28,435,161			\$5,671,312	\$34,106,473

## APPENDIX C

### Location of Angler and Hunter Activity Days By County

LOCATION OF ANGLER AND HUNTER ACTIVITY DAYS  
TRAVELING TO APACHE COUNTY

TRAVELING FROM ORIGIN COUNTY	APACHE COUNTY ACTIVITY DAYS			
	ANGLER DAYS	HUNTER DAYS	TOTAL ACTIVITY DAYS	% OF TOTAL ACTIVITY DAYS
COCHISE	9,839	1,040	10,879	1.7%
COCONINO	18,544	149	18,693	2.8%
GILA	17,410	669	18,079	2.7%
GRAHAM	4,021	722	4,743	0.7%
GREENLEE	5,689	175	5,865	0.9%
LA PAZ	43	27	69	0.0%
MARICOPA	275,763	13,700	289,463	43.9%
MOHAVE	4,791	48	4,839	0.7%
NAVAJO	81,405	7,444	88,849	13.5%
PIMA	155,538	8,739	164,277	24.9%
PINAL	19,271	1,166	20,437	3.1%
SANTA CRUZ	2,866	143	3,009	0.5%
YAVAPAI	15,314	561	15,875	2.4%
YUMA	12,662	1,459	14,121	2.1%
TOTAL	623,157	36,040	659,197	



LOCATION OF ANGLER AND HUNTER ACTIVITY DAYS  
TRAVELING TO COCHISE COUNTY

TRAVELING FROM ORIGIN COUNTY	COCHISE COUNTY ACTIVITY DAYS			
	ANGLER DAYS	HUNTER DAYS	TOTAL ACTIVITY DAYS	% OF TOTAL ACTIVITY DAYS
APACHE	0	499	499	0.7%
COCONINO	299	403	703	0.9%
GILA	0	634	634	0.8%
GRAHAM	0	1,576	1,576	2.1%
GREENLEE	0	313	313	0.4%
LA PAZ	0	21	21	0.0%
MARICOPA	1,583	23,231	24,813	32.6%
MOHAVE	257	85	342	0.4%
NAVAJO	0	775	775	1.0%
PIMA	26,051	16,600	42,651	56.0%
PINAL	128	1,308	1,436	1.9%
SANTA CRUZ	1,626	287	1,912	2.5%
YAVAPAI	86	446	531	0.7%
YUMA	0	440	440	0.6%
TOTAL	30,030	46,618	76,647	

LOCATION OF ANGLER AND HUNTER ACTIVITY DAYS  
TRAVELING TO COCONINO COUNTY

TRAVELING FROM ORIGIN COUNTY	COCONINO COUNTY ACTIVITY DAYS			
	ANGLER DAYS	HUNTER DAYS	TOTAL ACTIVITY DAYS	% OF TOTAL ACTIVITY DAYS
APACHE	1,797	435	2,232	0.3%
COCHISE	471	1,035	1,505	0.2%
GILA	34,179	2,868	37,047	4.6%
GRAHAM	0	234	234	0.0%
GREENLEE	128	64	192	0.0%
LA PAZ	428	462	889	0.1%
MARICOPA	464,068	78,891	542,960	68.0%
MOHAVE	37,537	9,194	46,731	5.8%
NAVAJO	22,479	5,542	28,022	3.5%
PIMA	33,708	7,114	40,823	5.1%
PINAL	17,175	3,290	20,466	2.6%
SANTA CRUZ	1,112	223	1,335	0.2%
YAVAPAI	50,349	17,248	67,596	8.5%
YUMA	8,513	2,661	11,174	1.4%
TOTAL	671,944	129,262	801,206	

LOCATION OF ANGLER AND HUNTER ACTIVITY DAYS  
TRAVELING TO GILA COUNTY

TRAVELING FROM ORIGIN COUNTY	GILA COUNTY ACTIVITY DAYS			
	ANGLER DAYS	HUNTER DAYS	TOTAL ACTIVITY DAYS	% OF TOTAL ACTIVITY DAYS
APACHE	2,124	165	2,288	0.5%
COCHISE	4,618	74	4,693	1.1%
COCONINO	24,765	2,446	27,211	6.2%
GRAHAM	1,583	48	1,631	0.4%
GREENLEE	349	3,060	3,409	0.8%
LA PAZ	0	21	21	0.0%
MARICOPA	201,281	31,935	233,216	53.0%
MOHAVE	699	69	768	0.2%
NAVAJO	34,646	12,732	47,378	10.8%
PIMA	73,703	1,235	74,938	17.0%
PINAL	29,963	1,969	31,932	7.3%
SANTA CRUZ	413	32	445	0.1%
YAVAPAI	9,340	813	10,153	2.3%
YUMA	1,638	170	1,808	0.4%
TOTAL	385,123	54,769	439,891	

LOCATION OF ANGLER AND HUNTER ACTIVITY DAYS  
TRAVELING TO GRAHAM COUNTY

TRAVELING FROM ORIGIN COUNTY	GRAHAM COUNTY ACTIVITY DAYS			
	ANGLER DAYS	HUNTER DAYS	TOTAL ACTIVITY DAYS	% OF TOTAL ACTIVITY DAYS
APACHE	73	548	620	1.3%
COCHISE	1,757	914	2,671	5.6%
COCONINO	347	622	969	2.0%
GILA	2,083	576	2,659	5.6%
GREENLEE	1,142	85	1,227	2.6%
LA PAZ	0	5	5	0.0%
MARICOPA	10,581	7,808	18,388	38.7%
MOHAVE	100	27	127	0.3%
NAVAJO	1,803	1,313	3,116	6.6%
PIMA	13,009	2,173	15,182	32.0%
PINAL	1,202	525	1,727	3.6%
SANTA CRUZ	72	16	88	0.2%
YAVAPAI	398	85	483	1.0%
YUMA	145	48	193	0.4%
TOTAL	32,713	14,743	47,457	

LOCATION OF ANGLER AND HUNTER ACTIVITY DAYS  
TRAVELING TO GREENLEE COUNTY

TRAVELING FROM ORIGIN COUNTY	GREENLEE COUNTY ACTIVITY DAYS			
	ANGLER DAYS	HUNTER DAYS	TOTAL ACTIVITY DAYS	% OF TOTAL ACTIVITY DAYS
APACHE	0	2,325	2,325	6.9%
COCHISE	86	2,049	2,134	6.3%
COCONINO	0	223	223	0.7%
GILA	0	828	828	2.5%
GRAHAM	0	5,730	5,730	17.0%
LA PAZ	0	42	42	0.1%
MARICOPA	86	8,798	8,883	26.4%
MOHAVE	0	85	85	0.3%
NAVAJO	0	3,911	3,911	11.6%
PIMA	257	7,531	7,788	23.1%
PINAL	0	913	913	2.7%
SANTA CRUZ	0	260	260	0.8%
YAVAPAI	0	345	345	1.0%
YUMA	0	212	212	0.6%
TOTAL	428	33,251	33,679	

LOCATION OF ANGLER AND HUNTER ACTIVITY DAYS  
TRAVELING TO LA PAZ COUNTY

TRAVELING FROM ORIGIN COUNTY	LA PAZ COUNTY ACTIVITY DAYS			
	ANGLER DAYS	HUNTER DAYS	TOTAL ACTIVITY DAYS	% OF TOTAL ACTIVITY DAYS
APACHE	235	0	235	0.2%
COCHISE	1,155	0	1,155	0.7%
COCONINO	1,989	21	2,010	1.3%
GILA	984	0	984	0.6%
GRAHAM	43	5	48	0.0%
GREENLEE	64	0	64	0.0%
MARICOPA	46,841	1,910	48,751	31.5%
MOHAVE	14,181	216	14,397	9.3%
NAVAJO	684	11	695	0.4%
PIMA	5,775	58	5,833	3.8%
PINAL	1,176	64	1,240	0.8%
SANTA CRUZ	0	0	0	0.0%
YAVAPAI	8,192	1,138	9,330	6.0%
YUMA	65,599	4,378	69,977	45.2%
TOTAL	146,918	7,802	154,720	

LOCATION OF ANGLER AND HUNTER ACTIVITY DAYS  
TRAVELING TO MARICOPA COUNTY

TRAVELING FROM ORIGIN COUNTY	MARICOPA COUNTY ACTIVITY DAYS			
	ANGLER DAYS	HUNTER DAYS	TOTAL ACTIVITY DAYS	% OF TOTAL ACTIVITY DAYS
APACHE	577	305	882	0.4%
COCHISE	6,256	0	6,256	2.9%
COCONINO	13,282	810	14,093	6.6%
GILA	11,635	163	11,799	5.5%
GRAHAM	171	0	171	0.1%
GREENLEE	1,027	0	1,027	0.5%
LA PAZ	96	5	102	0.0%
MOHAVE	2,353	768	3,121	1.5%
NAVAJO	9,112	1,220	10,331	4.8%
PIMA	58,573	1,278	59,851	28.0%
PINAL	73,224	3,665	76,889	36.0%
SANTA CRUZ	428	0	428	0.2%
YAVAPAI	22,993	2,183	25,175	11.8%
YUMA	738	2,938	3,676	1.7%
TOTAL	200,465	13,335	213,800	

LOCATION OF ANGLER AND HUNTER ACTIVITY DAYS  
TRAVELING TO MOHAVE COUNTY

TRAVELING FROM ORIGIN COUNTY	MOHAVE COUNTY ACTIVITY DAYS			
	ANGLER DAYS	HUNTER DAYS	TOTAL ACTIVITY DAYS	% OF TOTAL ACTIVITY DAYS
APACHE	107	11	118	0.1%
COCHISE	684	21	706	0.5%
COCONINO	11,422	265	11,687	8.0%
GILA	941	27	968	0.7%
GRAHAM	0	0	0	0.0%
GREENLEE	0	0	0	0.0%
LA PAZ	8,898	85	8,983	6.1%
MARICOPA	81,469	3,467	84,936	57.9%
NAVAJO	770	58	828	0.6%
PIMA	10,480	90	10,571	7.2%
PINAL	3,166	42	3,208	2.2%
SANTA CRUZ	214	0	214	0.1%
YAVAPAI	16,662	517	17,179	11.7%
YUMA	7,272	111	7,384	5.0%
TOTAL	142,084	4,695	146,780	



LOCATION OF ANGLER AND HUNTER ACTIVITY DAYS  
TRAVELING TO NAVAJO COUNTY

TRAVELING FROM ORIGIN COUNTY	NAVAJO COUNTY ACTIVITY DAYS			
	ANGLER DAYS	HUNTER DAYS	TOTAL ACTIVITY DAYS	% OF TOTAL ACTIVITY DAYS
APACHE	1,241	90	1,331	1.0%
COCHISE	342	117	459	0.4%
COCONINO	2,609	1,148	3,758	2.9%
GILA	2,994	393	3,387	2.6%
GRAHAM	128	64	192	0.1%
GREENLEE	0	11	11	0.0%
LA PAZ	0	58	58	0.0%
MARICOPA	70,133	10,805	80,938	62.7%
MOHAVE	2,011	80	2,090	1.6%
PIMA	23,442	1,618	25,060	19.4%
PINAL	8,149	536	8,685	6.7%
SANTA CRUZ	214	16	230	0.2%
YAVAPAI	684	356	1,040	0.8%
YUMA	1,198	712	1,910	1.5%
TOTAL	113,146	16,004	129,149	

LOCATION OF ANGLER AND HUNTER ACTIVITY DAYS  
TRAVELING TO PIMA COUNTY

TRAVELING FROM ORIGIN COUNTY	PIMA COUNTY ACTIVITY DAYS			
	ANGLER DAYS	HUNTER DAYS	TOTAL ACTIVITY DAYS	% OF TOTAL ACTIVITY DAYS
APACHE	0	90	90	0.2%
COCHISE	813	923	1,736	4.6%
COCONINO	128	409	537	1.4%
GILA	86	478	563	1.5%
GRAHAM	0	42	42	0.1%
GREENLEE	0	32	32	0.1%
LA PAZ	0	58	58	0.2%
MARICOPA	8,727	15,552	24,279	64.5%
MOHAVE	0	85	85	0.2%
NAVAJO	43	598	641	1.7%
PINAL	214	4,203	4,417	11.7%
SANTA CRUZ	642	3,520	4,161	11.1%
YAVAPAI	86	403	489	1.3%
YUMA	0	509	509	1.4%
TOTAL	10,737	26,904	37,641	

LOCATION OF ANGLER AND HUNTER ACTIVITY DAYS  
TRAVELING TO PINAL COUNTY

TRAVELING FROM ORIGIN COUNTY	PINAL COUNTY ACTIVITY DAYS			
	ANGLER DAYS	HUNTER DAYS	TOTAL ACTIVITY DAYS	% OF TOTAL ACTIVITY DAYS
APACHE	71	5	76	0.1%
COCHISE	469	21	490	0.5%
COCONINO	340	885	1,224	1.3%
GILA	3,044	836	3,879	4.1%
GRAHAM	1,027	5	1,032	1.1%
GREENLEE	92	0	92	0.1%
LA PAZ	0	0	0	0.0%
MARICOPA	8,805	40,030	48,834	51.1%
MOHAVE	14	37	51	0.1%
NAVAJO	1,750	475	2,225	2.3%
PIMA	7,098	29,563	36,662	38.4%
SANTA CRUZ	28	0	28	0.0%
YAVAPAI	101	253	354	0.4%
YUMA	398	186	584	0.6%
TOTAL	23,236	72,296	95,532	

LOCATION OF ANGLER AND HUNTER ACTIVITY DAYS  
TRAVELING TO SANTA CRUZ COUNTY

TRAVELING FROM ORIGIN COUNTY	SANTA CRUZ COUNTY ACTIVITY DAYS			
	ANGLER DAYS	HUNTER DAYS	TOTAL ACTIVITY DAYS	% OF TOTAL ACTIVITY DAYS
APACHE	0	0	0	0.0%
COCHISE	11,593	329	11,922	10.2%
COCONINO	171	64	235	0.2%
GILA	0	32	32	0.0%
GRAHAM	43	5	48	0.0%
GREENLEE	0	0	0	0.0%
LA PAZ	0	0	0	0.0%
MARICOPA	2,652	6,581	9,233	7.9%
MOHAVE	43	27	69	0.1%
NAVAJO	0	16	16	0.0%
PIMA	82,710	10,442	93,152	79.7%
PINAL	1,497	90	1,587	1.4%
YAVAPAI	171	80	251	0.2%
YUMA	128	143	272	0.2%
TOTAL	99,008	17,809	116,817	

LOCATION OF ANGLER AND HUNTER ACTIVITY DAYS  
TRAVELING TO YAVAPAI COUNTY

TRAVELING FROM ORIGIN COUNTY	YAVAPAI COUNTY ACTIVITY DAYS			
	ANGLER DAYS	HUNTER DAYS	TOTAL ACTIVITY DAYS	% OF TOTAL ACTIVITY DAYS
APACHE	64	42	107	0.0%
COCHISE	160	170	330	0.1%
COCONINO	16,041	6,810	22,851	8.5%
GILA	428	393	821	0.3%
GRAHAM	0	32	32	0.0%
GREENLEE	0	0	0	0.0%
LA PAZ	32	308	340	0.1%
MARICOPA	175,060	47,359	222,419	82.8%
MOHAVE	1,134	3,195	4,329	1.6%
NAVAJO	1,732	2,363	4,096	1.5%
PIMA	6,149	2,400	8,549	3.2%
PINAL	2,406	770	3,176	1.2%
SANTA CRUZ	43	27	69	0.0%
YUMA	417	1,104	1,521	0.6%
TOTAL	203,668	64,971	268,638	

LOCATION OF ANGLER AND HUNTER ACTIVITY DAYS  
TRAVELING TO YUMA COUNTY

TRAVELING FROM ORIGIN COUNTY	YUMA COUNTY ACTIVITY DAYS			
	ANGLER DAYS	HUNTER DAYS	TOTAL ACTIVITY DAYS	% OF TOTAL ACTIVITY DAYS
APACHE	171	0	171	1.1%
COCHISE	43	0	43	0.3%
COCONINO	513	778	1,292	8.6%
GILA	513	16	529	3.5%
GRAHAM	43	0	43	0.3%
GREENLEE	64	0	64	0.4%
LA PAZ	1,454	37	1,492	9.9%
MARICOPA	4,855	943	5,798	38.6%
MOHAVE	535	5	540	3.6%
NAVAJO	471	5	476	3.2%
PIMA	2,738	626	3,364	22.4%
PINAL	64	11	75	0.5%
SANTA CRUZ	0	0	0	0.0%
YAVAPAI	1,112	11	1,123	7.5%
TOTAL	12,576	2,432	15,009	

## APPENDIX D

### Location of Trip Expenditures Percentage Spent at Home and Percentage Spent at Destination

# LOCATION OF TRIP EXPENDITURES

FISHING		
EXPENDITURE CATEGORY	% OF EXPENDITURE SPENT IN HOME COUNTY	% OF EXPENDITURE SPENT AT DESTINATION COUNTY
FOOD	0.45	0.55
LODGING	0.05	0.95
GAS	0.50	0.50
EQUIPMENT RENTAL	0.33	0.67
BOAT FUEL & LAUNCHING	0.36	0.64
BAIT	0.49	0.51
SHOPPING	0.22	0.78
FIRST AID	0.84	0.16

HUNTING (Same for Small Game and Big Game)		
EXPENDITURE CATEGORY	% OF EXPENDITURE SPENT IN HOME COUNTY	% OF EXPENDITURE SPENT AT DESTINATION COUNTY
FOOD	0.45	0.55
LODGING	0.05	0.95
GAS	0.50	0.50
EQUIPMENT RENTAL	0.33	0.67
HUNTING AMMUNITION	0.45	0.55
HEATING AND COOKING FUEL	0.45	0.55
GUIDE FEES	0.00	1.00
SHOPPING	0.22	0.78
FIRST AID	0.84	0.16

*Data based on 2001 Angler Survey. Restricted analysis to only those respondents that travel from their home county to another Arizona county.*



## APPENDIX E

### Direct Trip Expenditures from Scouting

Scouting is an activity associated with big-game hunting. It is a trip to a hunting area where the hunter has been drawn prior to the hunt in order to prepare for the actual hunt. Big-game hunters engage in scouting to familiarize themselves with the area of the hunt (access, road conditions), the terrain and to locate animals (signs of animals such as tracks, scat & bedding). Scouting can increase the success of the actual hunt.

The source of big-game hunter days, the 2001 Harvest Questionnaire sent to all hunters drawn immediately after their hunt, did not include information on scouting days. The Harvest Questionnaire for 2002 was modified to gather information on scouting days. The data on scouting days gathered in Fall 2002 was not available to include in the economic impacts reported in this study.

Included in this appendix is an estimate of the number of scouting days and the trip expenditures for scouting days. The estimate is based on the average scouting days in each Arizona County from the 2002 Harvest Questionnaire, the number of hunters in each Arizona County from the 2001 Harvest Questionnaire, and trip expenditures from the 2001 Small-Game Hunter Questionnaire, and the 1996 Federal Survey on Hunting & Fishing. No multiplier impact is available for the scouting days direct trip expenditures.

Using the available information, the direct trip expenditures from scouting days are estimated at \$14 million statewide. The detail for each county is displayed below.

BIG GAME HUNTING SCOUTING TRIP EXPENDITURE	
COUNTY	TOTAL
Apache	\$466,531
Cochise	\$911,269
Coconino	\$2,428,031
Gila	\$478,985
Graham	\$485,761
Greenlee	\$406,099
La Paz	\$133,545
Maricopa	\$2,897,840
Mohave	\$361,765
Navajo	\$563,751
Pima	\$1,811,090
Pinal	\$629,244
Santa Cruz	\$326,781
Yavapai	\$1,871,578
Yuma	\$228,325
Total	\$14,000,595

BIG GAME HUNTING SCOUTING DAYS					
COUNTY	AVERAGE SCOUTING DAYS	COUNTY RESIDENT	OTHER AZ RESIDENT	NON- RESIDENT	TOTAL
Apache	1.64	751	7136	200	8087
Cochise	1.55	3900	9784	1142	14826
Coconino	1.49	7291	36097	1754	45141
Gila	1.27	1905	5231	290	7426
Graham	1.74	1803	5796	345	7943
Greenlee	1.18	719	6645	250	7613
La Paz	2.16	268	1374	281	1922
Maricopa	1.98	11534	1445	368	13347
Mohave	2.31	2888	1083	485	4456
Navajo	1.67	2021	5017	219	7256
Pima	1.80	14038	9009	1325	24372
Pinal	2.60	2187	5743	450	8380
Santa Cruz	1.50	543	4905	255	5703
Yavapai	1.96	8387	20894	1499	30780
Yuma	2.10	1539	678	147	2365
Total		59771	120836	9009	189617

## APPENDIX F

### IMPLAN Input-Output Model

## Background on Economic Impact Analysis and IMPLAN

The purpose of economic impact analysis is to trace the full impact of a spending event on income and jobs in a local economy. There are three stages of effects: direct, indirect and induced. The direct effect refers to the change in industry output necessary to accommodate the initial change in spending. Indirect effects involve interindustry linkages and refer to effects that arise when businesses directly affected by the spending event place upstream demands on other producers. Finally, induced effects refer to effects that arise when households and other institutions receiving income spend and recycle income within the local economy. Spending out of the income generated during the direct and indirect stages continues to circulate through the economy until it is dissipated through "leakages" in the form of savings or payments for goods and services from outside the local economy. In the end, the cumulative changes in incomes and employment are a multiple of the initial direct effects.

Economic impacts were estimated using county-level Arizona modules of IMPLAN, an input-output model developed and maintained by the Minnesota IMPLAN Group, Inc. (MIG). IMPLAN was originally developed by the USDA Forest Service to assist the Forest Service in land and resource management planning. MIG began work on IMPLAN databases in 1987 at the University of Minnesota. In 1993, Minnesota IMPLAN Group, Inc. was formed to privatize the development of IMPLAN data and software. IMPLAN data and accounts closely follow the conventions used in the "Input-Output Study of the U.S. Economy" by the Bureau of Economic Analysis (1980).

The specific models used were based on IMPLAN's 2000 national economic database. In building the models, trade flows were calculated using IMPLAN's "Regional Purchase Coefficients," which are econometrically-based estimates of the percentage of demand that is satisfied by local producers. Type SAM multipliers were used with the amount of recycled spending limited to households.

Impacts are reported for four types of economic variables: output (or gross sales), value added, employee compensation (or earnings) and employment. Value added is synonymous with gross state product and consists of employee compensation, proprietor income, property income and indirect business taxes. Earnings include wages, salaries and benefits. Employment is a count of both full- and part-time jobs.

## APPENDIX G

### Angler and Small-Game Hunter Questionnaires



ARIZONA GAME & FISH DEPT. - WMFS  
2221 W GREENWAY RD  
PHOENIX AZ 85023-4399

PRSRT STD  
U.S. POSTAGE  
PAID  
PHOENIX,  
ARIZ.  
Permit No. 1392

# FINAL

## 2001 Statewide Angler Survey



Dear Arizona Angler:

### DO YOU CARE ABOUT THE QUALITY OF FISHING IN ARIZONA? WE NEED YOUR HELP!

You are one of the few Arizona anglers selected to provide valuable information for our fisheries planning effort. Please take a few minutes and carefully complete this survey, even if you did not fish during 2001. We need your input to help determine fishing participation, program evaluation, and economic impacts of sport fishing in Arizona. Provide the best information your memory allows. All information will be kept confidential. Please return the postage paid survey as soon as possible. **Thanks for your help!**

1. What type of fishing license(s) did **YOU** purchase in 2001? Please check all that apply and record the number of licenses purchased for One-Day, Five-Day, and Four-Month licenses.

#### RESIDENT

- ☐ .....General Fishing
- ☐ .....Hunt & Fish Combination
- ☐ .....Urban
- ☐ .....Youth Hunt & Fish Combination
- ☐ .....Family Fishing – First Parent
- ☐ .....Family Fishing – Second Parent
- ☐ .....Family Fishing – Child
- ☐ .....One-Day # \_\_\_\_\_

#### NON-RESIDENT

- ☐ .....General Fishing
- ☐ .....Hunt & Fish Combination
- ☐ .....Urban
- ☐ .....Youth Hunt & Fish Combination
- ☐ .....Colorado River
- ☐ .....One-Day # \_\_\_\_\_
- ☐ .....Five-Day # \_\_\_\_\_
- ☐ .....Four-Month # \_\_\_\_\_

2. What is your sex? Male.... ☐ Female... ☐

3. What is your birth year? \_\_\_\_\_
4. What is your **HOME** Zip Code? \_\_\_\_\_
5. Take a few moments to think about your fishing experiences from January through December 2001. How many days did you fish in Arizona during 2001? Count any portion of a day fished as a whole fishing day.

\_\_\_\_\_ Days

If you answered **0** to question 5 above, please indicate the one, most important, reason why you did not fish in Arizona during 2001 and return the survey. **(Check one)**

- Fishing trips too expensive..... ☐
- No place to fish..... ☐
- Poor fishing..... ☐
- Too many people fishing..... ☐
- Not enough spare time..... ☐
- Conflicts with other recreational users..... ☐
- Moved out of state..... ☐
- Health reasons..... ☐
- Lost interest in fishing..... ☐
- Not sure..... ☐
- Other:(Please list)..... ☐

6. How satisfied were you, on a scale of 1 to 10, with your overall 2001 fishing experience in Arizona? **(Circle one number)**

1 2 3 4 5 6 7 8 9 10  
Extremely Somewhat Somewhat Extremely  
Dissatisfied Dissatisfied Satisfied Satisfied

If a 1 to 4 rating, Why? \_\_\_\_\_

7. How satisfied were you with the recreational fishing services and facilities in Arizona during 2001? (License dealers, fishing piers, fishing access, boat ramps, etc.) **(Circle one number)**

1 2 3 4 5 6 7 8 9 10  
Extremely Somewhat Somewhat Extremely  
Dissatisfied Dissatisfied Satisfied Satisfied

If a 1 to 4 rating, Why? \_\_\_\_\_

8. How satisfied were you with fish management activities in Arizona during 2001? (Regulations, fish stocking, planning, fisheries habitat projects, etc.) **(Circle one number)**

1 2 3 4 5 6 7 8 9 10  
Extremely Somewhat Somewhat Extremely  
Dissatisfied Dissatisfied Satisfied Satisfied

If a 1 to 4 rating, Why? \_\_\_\_\_

9. How satisfied were you with Arizona Game and Fish Department's fishing information products and services during 2001? (Phone calls, Wildlife Views Magazine, brochures, fishing reports, posters, regulations, Wildlife Views TV Show, Web Site, etc.) **(Circle one number)**

1 2 3 4 5 6 7 8 9 10  
Extremely Somewhat Somewhat Extremely  
Dissatisfied Dissatisfied Satisfied Satisfied

If a 1 to 4 rating, Why? \_\_\_\_\_

10. Take a few moments to think about your fishing experiences in Arizona from January through December 2001. **How many DAYS did you spend fishing for trout or other fish on any of the waters listed along with the number of fishing trips taken?** The total days fished need to equal the days you entered in question 5. Only enter the information for those waters you fished. Count any portion of a day fished as a whole fishing day. If you fished for both trout and other fish on a fishing day, or fished at more than one water during the day please proportion your fishing day accordingly, for example: ½ day for trout and ½ day for other fish at Saguaro Lake or ¼ day at Big Lake and ¾ day at Crescent Lake for trout.

Water	Days Fished For:		Number of Fishing Trips	Water	Days Fished For:		Number of Fishing Trips
	Trout	Other Fish			Trout	Other Fish	
A-1 Lake				Cataract Lake			
Alamo Lake				Chevelon Lake			
Apache Lake				Cholla Lake			
Arivaca Lake				Christopher Creek			
Ashurst Lake				Clear Creek Reservoir			
Bartlett Lake				Cluff Ranch Ponds			
Bear Canyon Lake				Colorado Riv. – Lees Ferry			
Becker Lake				Colo. Riv. – Grand Canyon			
Big Lake				Colo. Riv. – Willow Beach			
Black Canyon Lake				Colo. Riv. – Topock Area			
Black River – East Fork				Colo. Riv. – Parker Area			
Black River – West Fork				Colo. Riv. – Yuma Area			
Blue Ridge Reservoir				Concho Lake			
Canyon Creek				Crescent Lake			
Canyon Lake				Deadhorse Lake			



Water	Days Fished For:		Number of Fishing Trips	Water	Days Fished For:		Number of Fishing Trips
	Trout	Other Fish			Trout	Other Fish	
Dogtown Reservoir				Mittry Lake			
East Verde River				Nelson Reservoir			
Fain Lake				Oak Creek (Above Sedona)			
Fool's Hollow Lake				Oak Creek (Below Sedona)			
Fortuna Pond				Parker Canyon Lake			
Gila River – Clifton Area				Patagonia Lake			
Gila River – Safford Area				Pena Blanca Lake			
Gila River – Phoenix Area				Picacho Reservoir			
Goldwater Lake				Rainbow Lake			
Green Valley Lake (Payson)				Reservation Lake			
Greer Area Lakes				Riggs Flat Lake			
Hawley Lake				Roosevelt Lake			
Horseshoe Cienega Lake				Roper Lake			
Horseshoe Reservoir				Rose Canyon Lake			
Kaibab Lake				Saguaro Lake			
Kearny Lake				Salt River (Above Roosevelt)			
Kinnikinick Lake				Salt River (Below Saguaro)			
Knoll Lake				San Carlos Reservoir			
Lake Havasu				Scotts Reservoir			
Lake Mary (Lower)				Show Low Lake			
Lake Mary (Upper)				Silver Creek			
Lake Mead				Sunrise Lake			
Lake Mohave				Tonto Creek			
Lake Pleasant				Urban Lakes (Phoenix Metro)			
Lake Powell				Urban Lakes (Tucson Area)			
Lee Valley Lake				Verde River (Cottonwood Area)			
Little Colo. River at Greer				Verde River (Above Horseshoe)			
Little Colo. River at Sheep's-X				Verde River (Below Horseshoe)			
Long Lake				Watson Lake			
Luna Lake				West Clear Creek			
Lyman Reservoir				Whitehorse Lake			
Lynx Lake				Willow Springs Lake			
Martinez Lake				Woodland Lake			
Mingus Lake				Woods Canyon Lake			

If the waters you fished are not listed but you know the name or the nearest city / town where you fished, please provide the information below.

Days Fished For:  
 Trout \_\_\_\_\_ Other Fish \_\_\_\_\_  
 Number of Fishing Trips \_\_\_\_\_

Water, City or Town Name: \_\_\_\_\_

11. On **AVERAGE** how many hours did you spend fishing, per day, for trout and other fish during your 2001 Arizona fishing? Trout: \_\_\_\_\_ Other Fish: \_\_\_\_\_
12. To the best of your ability, please **estimate how much you spent** for all FISHING recreation-related **trip expenses** in each of the following categories **DURING 2001 IN ARIZONA**. (Please check the appropriate box for each item).

**Dollars spent in 2001 on FISHING related trip expenses in ARIZONA:**

Expenditure categories:	\$0	\$1-99	\$100- \$249	\$250- \$499	\$500- \$749	\$750- \$999	\$1000- \$1999	\$2000- \$2999	\$3000+
<b>Trip Expenses</b>									
Food, Drink, & Restaurant Dining	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lodging at Motels, Cabins, Campgrounds or Lodges	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gasoline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Equipment Rental such as boats, fishing or camping equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Boat Fuel & Launching Fees	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bait	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shopping for Gifts, Souvenirs, Clothing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
First Aid Supplies & Medical Treatment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

To the best of your ability, please estimate the percentage (from 0 to 100) of annual trip expenditures above that you spent in your hometown (or Arizona origin if you are an out-of-state angler), traveling to your fishing destinations, and at your fishing destinations. This information is useful for estimating the County level economic impacts from fishing. For example, in the Gasoline category if you checked \$100-\$249 what percentage of Gasoline was purchased at home before leaving for fishing trips, what percentage of Gasoline was purchased traveling to fishing destinations, and what percentage was purchased at your fishing destinations. The percentages need to sum to 100 for each item.

Trip Expenses	% Hometown	% Traveling	% At Destination
Food, Drink, & Restaurant Dining	_____	_____	_____
Lodging at Motels, Cabins, Campgrounds or Lodges	_____	_____	_____
Gasoline	_____	_____	_____
Equipment Rental such as boats, fishing or camping equipment	_____	_____	_____
Boat Fuel & Launching Fees	_____	_____	_____
Bait	_____	_____	_____
Shopping for Gifts, Souvenirs, Clothing	_____	_____	_____
First Aid Supplies & Medical Treatment	_____	_____	_____

13. To the best of your ability, please **estimate how much you spent** for all FISHING recreation-related **equipment expenses** in each of the following categories **DURING 2001 IN ARIZONA**. (Please check the appropriate box for each item).

**Dollars spent in 2001 on FISHING related equipment expenses in ARIZONA:**

Expenditure categories:	\$0	\$1-99	\$100- \$249	\$250- \$499	\$500- \$749	\$750- \$999	\$1000- \$1999	\$2000- \$2999	\$3000+
<b>Fishing Equipment</b>									
Rods, Reels, Poles, Lines & Leaders	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Artificial Lures, Flies & Bait	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hooks, Sinkers, or Swivels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tackle Box	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Creels, Stringers, Fish Bags	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Depth Finders, Fish Finders, Other Electronic Devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Club/Association Dues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Special Fishing Equipment</b>									
Camping Equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Clothing (such as foul weather gear, boots, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Motor Boat Maintenance & Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Canoe or Other Non-motor Boat Purchase	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Canoe Maintenance & Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (Specify: _____)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

14. For just those items below purchased in **ARIZONA** during 2001, please **estimate cost and the percent of time used** for fishing recreation in each of the following categories. (Please check the appropriate box for each item).

Categories:	Cost	New	Used	Percent of time used for fishing?			
				0-25%	26%-50%	51%-75%	76%-100%
Motor Boat Purchase	\$ _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Boat Motor, Trailer Hitch or Other Boat Accessories	\$ _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pick-up, Camper, or Other Vehicle Purchased & Used for Fishing	\$ _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cabin Purchase Used for Fishing	\$ _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (Specify: _____)	\$ _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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POSTAGE WILL BE PAID BY ADDRESSEE

ARIZONA GAME & FISH DEPT. - WMFS  
2221 W GREENWAY RD  
PHOENIX AZ 85023-9936



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3 - Tape closed - please do not use staples

Dear Small Game Hunter:

You are one of the few Arizona hunters selected to provide valuable information for our small game planning effort. Please take a few minutes and carefully complete this survey, even if you did not hunt small game during 2001. We need your input to help determine small game hunting participation, program evaluation, and economic impacts of small game hunting in Arizona by county. Provide the best information your memory allows. All information will be kept confidential. Please return the postage paid survey as soon as possible. *Thanks for your help!*

### 2002 SMALL GAME HUNTER PARTICIPATION SURVEY

1. Did you hunt **SMALL GAME** (dove, quail, cottontail rabbit, tree squirrel, bandtail pigeon, blue grouse, chukar, waterfowl) in Arizona during the 2001/2002 hunting seasons?

(circle one) YES NO

2. Take a few moments to think about your **SMALL GAME** hunting experiences during the 2001/2002 hunting seasons. How many days did you hunt **SMALL GAME** in Arizona during the 2001/2002 seasons? Count any portion of a day hunted as a whole hunting day.

\_\_\_\_\_ DAYS

3. Again, think about your **SMALL GAME** hunting experiences in Arizona during the 2001/2002 hunting seasons. How many DAYS did you spend hunting **SMALL GAME** in each of the counties listed below? The total days hunted need to equal the days you entered in question 2. Only enter the information for those counties in which you actually hunted (you do not need to enter a 0 for counties you did not hunt in). Count any portion of a day hunted as a whole hunting day.

County	Small Game Number of Days Hunted
Apache	
Cochise	
Coconino	
Gila	
Graham	
Greenlee	
La Paz	
Maricopa	

County	Small Game Number of Days Hunted
Mohave	
Navajo	
Pima	
Pinal	
Santa Cruz	
Yavapai	
Yuma	

4. To the best of your ability, please estimate how much you spent for all **SMALL GAME HUNTING** recreation-related trip expenses in each of the following categories **DURING THE 2001/2002 HUNTING SEASONS IN ARIZONA**. (Check one box for each item)

**Dollars spent during the 2001/2002 seasons on SMALL GAME HUNTING  
related trip expenses in ARIZONA:**

<i>Expenditure categories:</i>	<i>\$0</i>	<i>\$1-49</i>	<i>\$50- \$ 99</i>	<i>\$100- \$149</i>	<i>\$150- \$249</i>	<i>\$250- \$499</i>	<i>\$500- \$999</i>	<i>\$1000- \$2999</i>	<i>\$2000+</i>
<i>Trip Expenses</i>									
Food, Drink, & Restaurant Dining	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lodging at Motels, Cabins, Campgrounds or Lodges	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Round trip cost of transportation (gasoline, oil, repairs, car rental)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Equipment Rental such as hunting or camping equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hunting Ammunition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Heating & cooking fuel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Guide fees, package fees, access fees	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shopping for Gifts, Souvenirs, Clothing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
First Aid Supplies & Medical Treatment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

5. Please provide your zip code in 2001. \_\_\_\_\_ ZIP CODE



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## APPENDIX H

### Sample Design for 2001 Angler and Small Game Surveys

#### 2001 Angler Survey sample and mailing design:

The survey sample was developed using fishing license sales from 2001. To increase precision by county it was decided to use all available fishing licenses both from Department office sales and those entered manually from the license dealers across the State. This produced a sample of 46,149 anglers of which 37,729 were office sales and 8,420 from the license dealers. The table below lists the license types, numbers and percentages of the survey sample.

Fishing License Type	Number	Percent
Resident:		
General Fishing	13,916	30.2
Combination Hunt/Fish	18,273	39.7
Family Fishing 1 <sup>st</sup> Parent	1,467	3.2
Family Fishing 2 <sup>nd</sup> Parent	891	1.9
Family Fishing Child	1,035	2.2
Non-Resident:		
General Fishing	316	0.7
Combination Hunt/Fish	194	0.4
Colorado River	126	0.3
Five Day	602	1.3
Four Month	660	1.4
Both Res./Non-Resident:		
Urban	1,587	3.4
Youth Combination Hunt/Fish	6,058	13.1
One Day	1,024	2.2
Total:	46,149	100.0

Questionnaires were mailed Pre-Sort Standard. The initial mailing of the 46,149 license holders occurred on 3/8/02. Three and a half weeks later, to help increase the survey returns, a second mailing took place using leftover reminder cards (7,000) and surveys (4,400) to a random sub sample of the anglers who had not send back the survey. A total of 8,637 surveys were returned which produced a 19% return rate.

Note, due to the lack of a statewide electronic point of sale data entry system, the sample is not random. All available 2001 fishing licenses were used, primarily through Department office sales, to obtain questionnaire returns of approximately 2% of the total fishing license sales (379,087).

#### Small Game Hunter Participation Survey:

In 2001, the Arizona Game and Fish Department sold 192,141 hunting licenses and combination hunt and fish licenses. Small Game Hunter Participation Surveys were mailed to a random sample of 4000 hunting license purchasers. There were 279 undeliverable



surveys leaving the sample size at 3,721. Individuals were given 6 weeks to return their survey. The Department received 1,272 returned surveys.